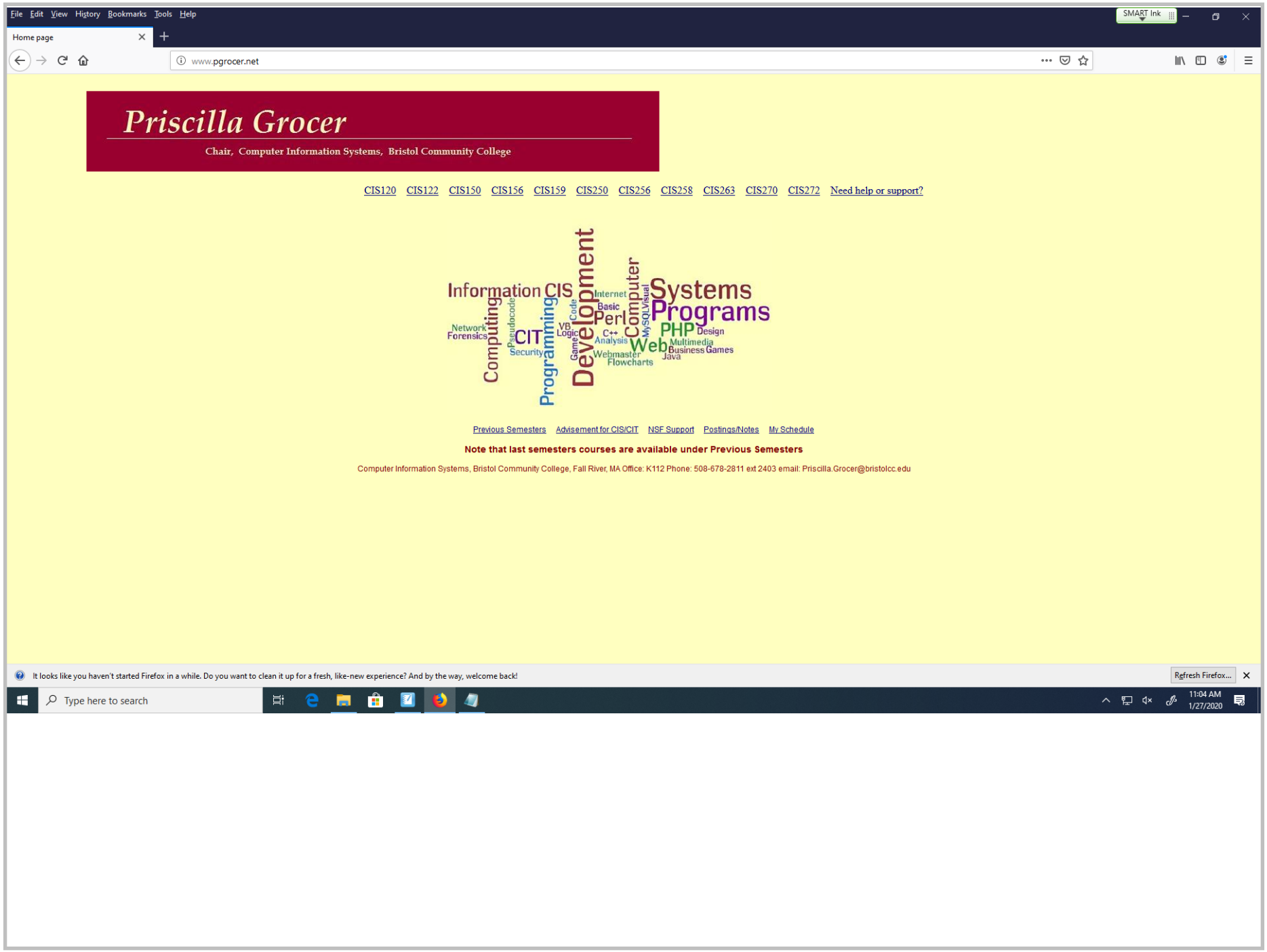
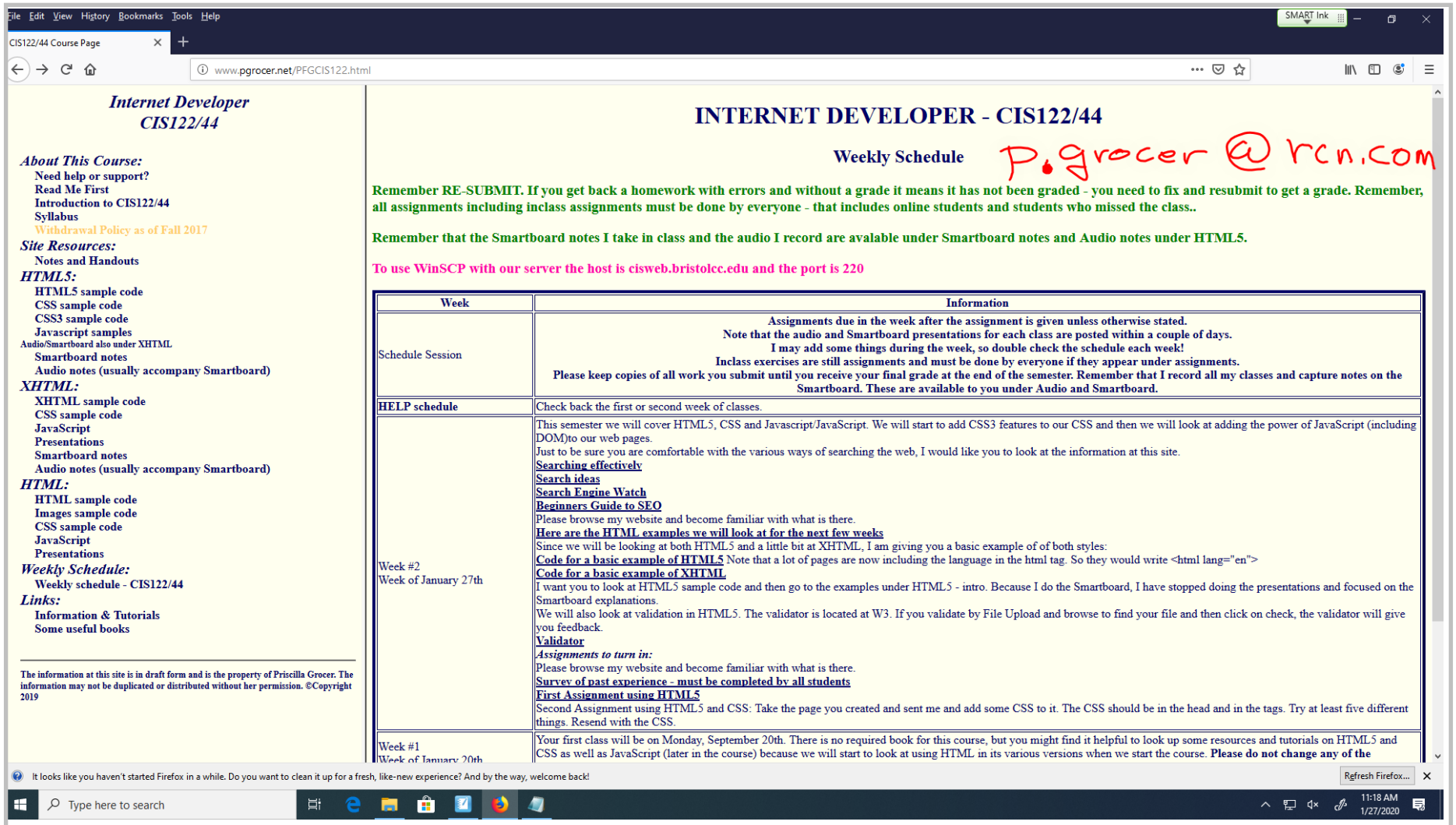
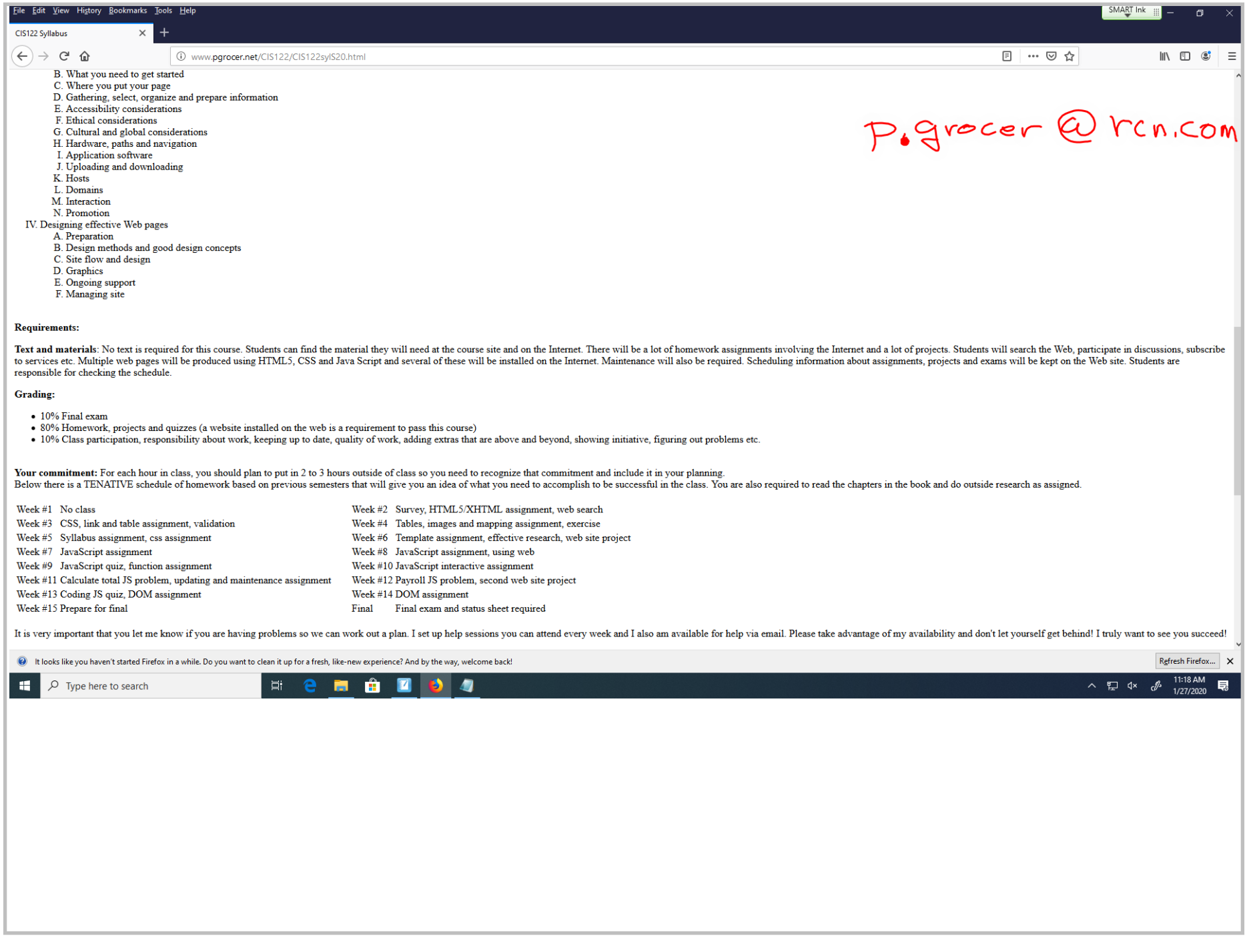
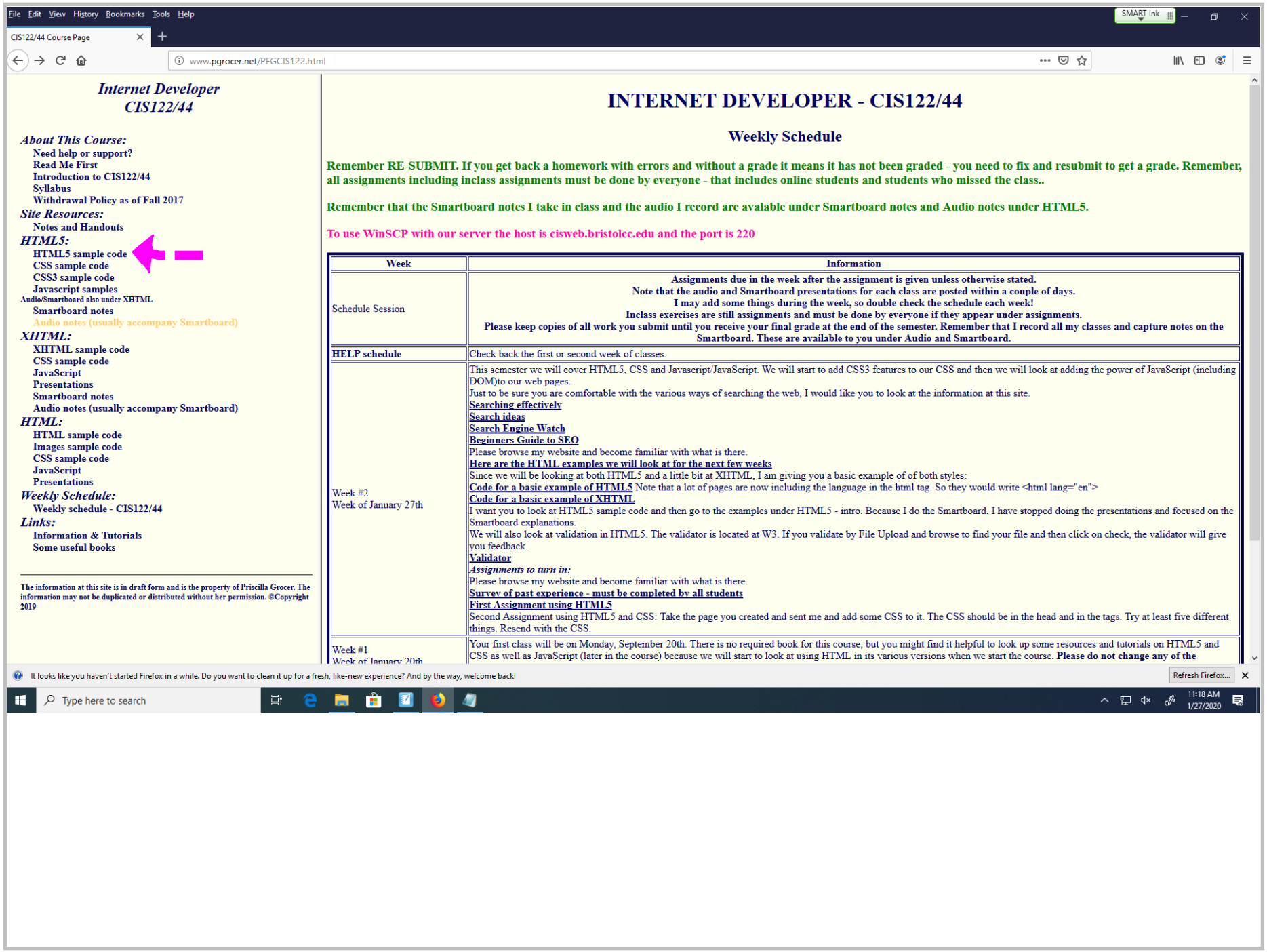


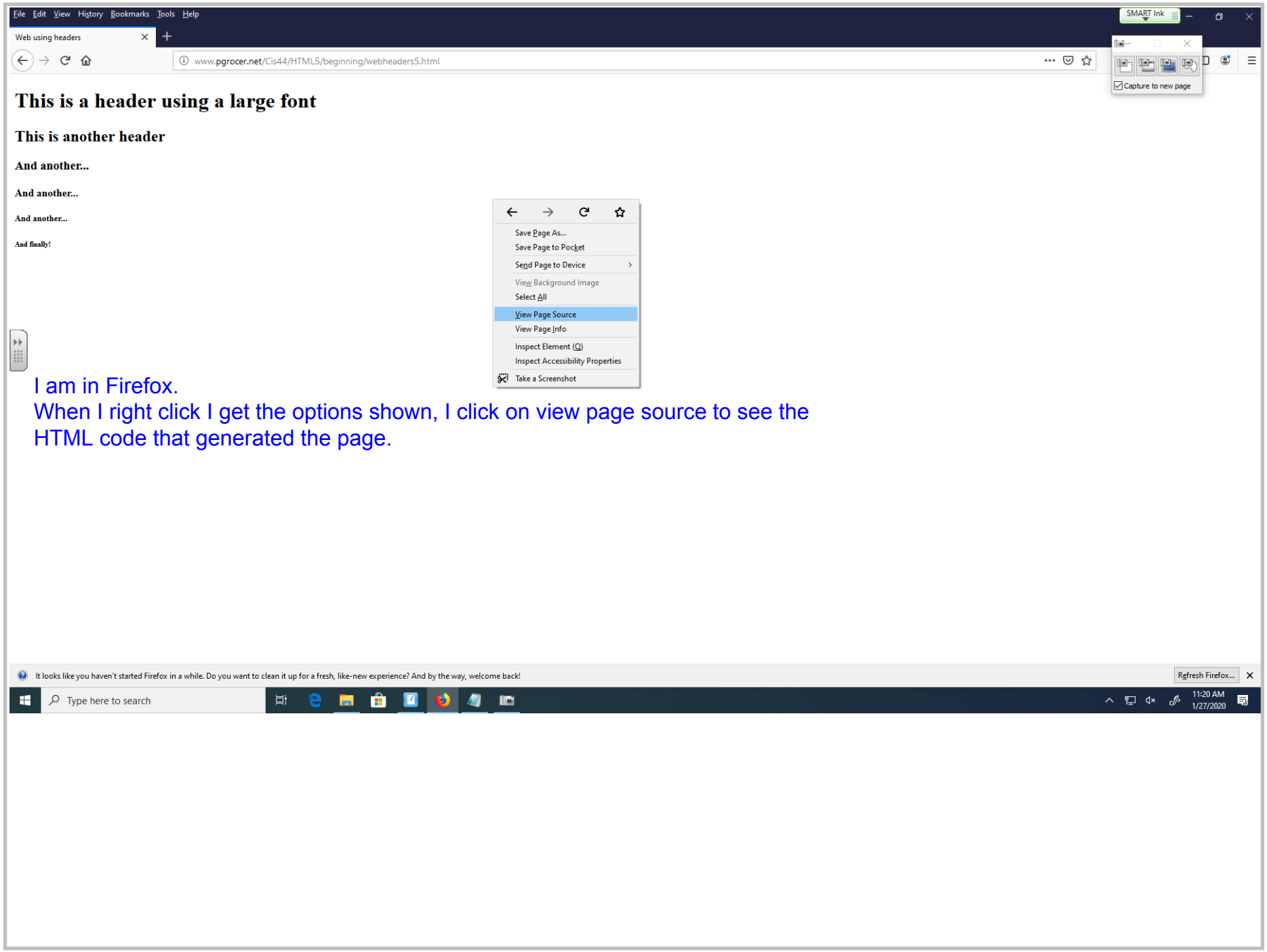
Title: Jan 27-10:56 AM (1 of 56)

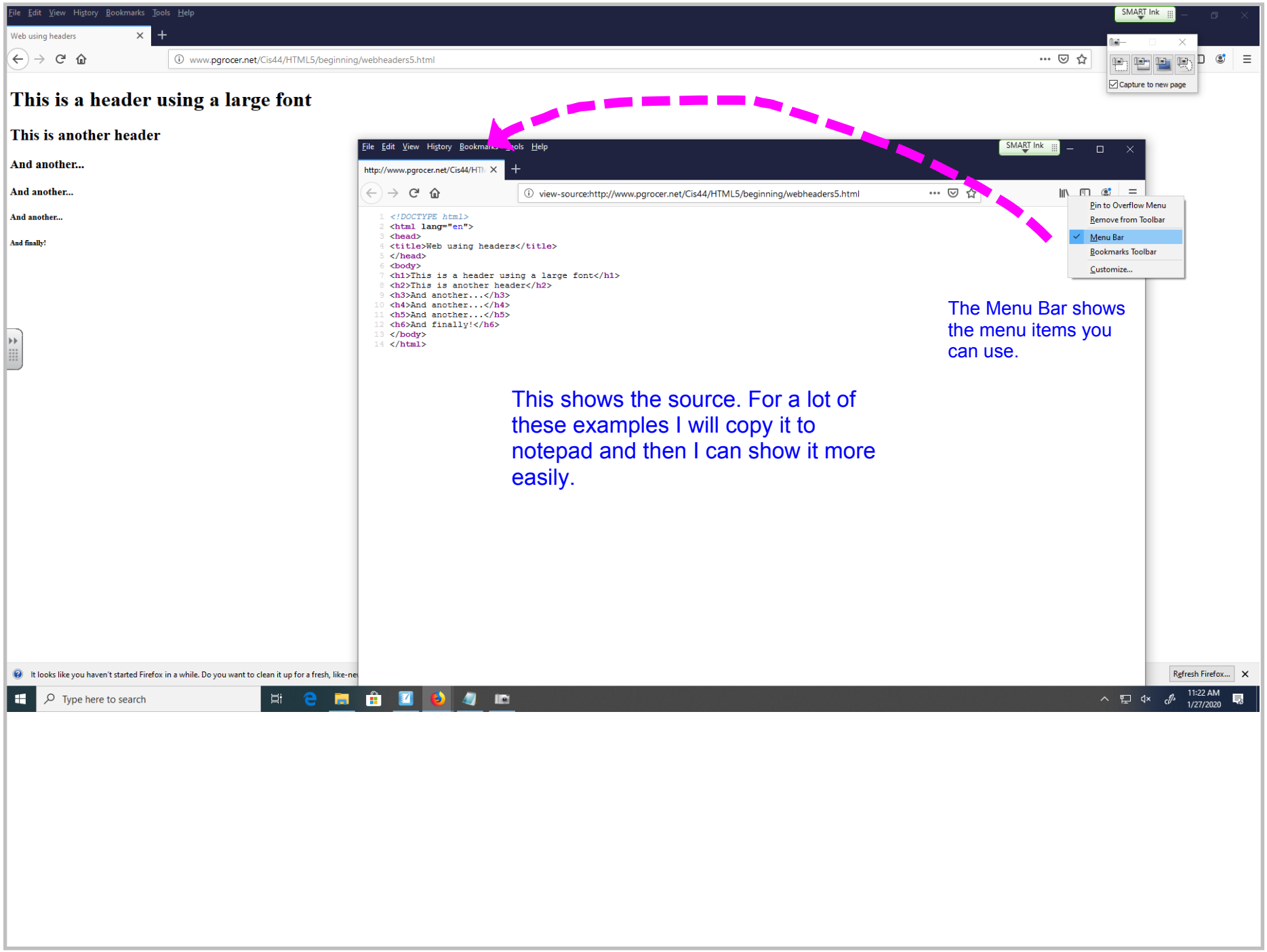

File Edit View History Bookmarks Tools Help
SMART Ink
CIS122/44 Course Page
www.pgrocer.net/PFGCIS122.html
Internet Developer
CIS122/44
About This Course:
Need help or support?
Read Me First
Introduction to CIS122/44
Syllabus
Withdrawal Policy as of Fall 2017
Site Resources:
Notes and Handouts
HTML5:
HTML5 sample code
CSS sample code
CSS3 sample code
Javascript samples
Audio/Smartboard also under XHTML
Smartboard notes
Audio notes (usually accompany Smartboard)
XHTML:
XHTML sample code
CSS sample code
JavaScript
Presentations
Smartboard notes
Audio notes (usually accompany Smartboard)
HTML:
HTML sample code
Images sample code
CSS sample code
JavaScript
Presentations
Weekly Schedule:
Weekly schedule - CIS122/44
Links:
Information & Tutorials
Some useful books
The information at this site is in draft form and is the property of Priscilla Grocer. The information may not be duplicated or distributed without her permission. ©Copyright 2019
INTERNET DEVELOPER - CIS122/44
Weekly Schedule
P.grocer @ rcn.com
Remember RE-SUBMIT. If you get back a homework with errors and without a grade it means it has not been graded - you need to fix and resubmit to get a grade. Remember, all assignments including inclass assignments must be done by everyone - that includes online students and students who missed the class..
Remember that the Smartboard notes I take in class and the audio I record are avalable under Smartboard notes and Audio notes under HTML5.
To use WinSCP with our server the host is cisweb.bristolcc.edu and the port is 220
Week
Information
Schedule Session
Assignments due in the week after the assignment is given unless otherwise stated.
Note that the audio and Smartboard presentations for each class are posted within a couple of days.
I may add some things during the week, so double check the schedule each week!
Inclass exercises are still assignments and must be done by everyone if they appear under assignments.
Please keep copies of all work you submit until you receive your final grade at the end of the semester. Remember that I record all my classes and capture notes on the Smartboard. These are available to you under Audio and Smartboard.
HELP schedule
Check back the first or second week of classes.
Week #2
Week of January 27th
This semester we will cover HTML5, CSS and Javascript/JavaScript. We will start to add CSS3 features to our CSS and then we will look at adding the power of JavaScript (including DOM)to our web pages.
Just to be sure you are comfortable with the various ways of searching the web, I would like you to look at the information at this site.
Searching effectively
Search ideas
Search Engine Watch
Beginners Guide to SEO
Please browse my website and become familiar with what is there.
Here are the HTML examples we will look at for the next few weeks
Since we will be looking at both HTML5 and a little bit at XHTML, I am giving you a basic example of of both styles:
Code for a basic example of HTML5 Note that a lot of pages are now including the language in the html tag. So they would write <html lang="en">
Code for a basic example of XHTML
I want you to look at HTML5 sample code and then go to the examples under HTML5 - intro. Because I do the Smartboard, I have stopped doing the presentations and focused on the Smartboard explanations.
We will also look at validation in HTML5. The validator is located at W3. If you validate by File Upload and browse to find your file and then click on check, the validator will give you feedback.
Validator
Assignments to turn in:
Please browse my website and become familiar with what is there.
Survey of past experience - must be completed by all students
First Assignment using HTML5
Second Assignment using HTML5 and CSS: Take the page you created and sent me and add some CSS to it. The CSS should be in the head and in the tags. Try at least five different things. Resend with the CSS.
Week #1
Week of January 20th
Your first class will be on Monday, September 20th. There is no required book for this course, but you might find it helpful to look up some resources and tutorials on HTML5 and CSS as well as JavaScript (later in the course) because we will start to look at using HTML in its various versions when we start the course. Please do not change any of the
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
11:18 AM
1/27/2020

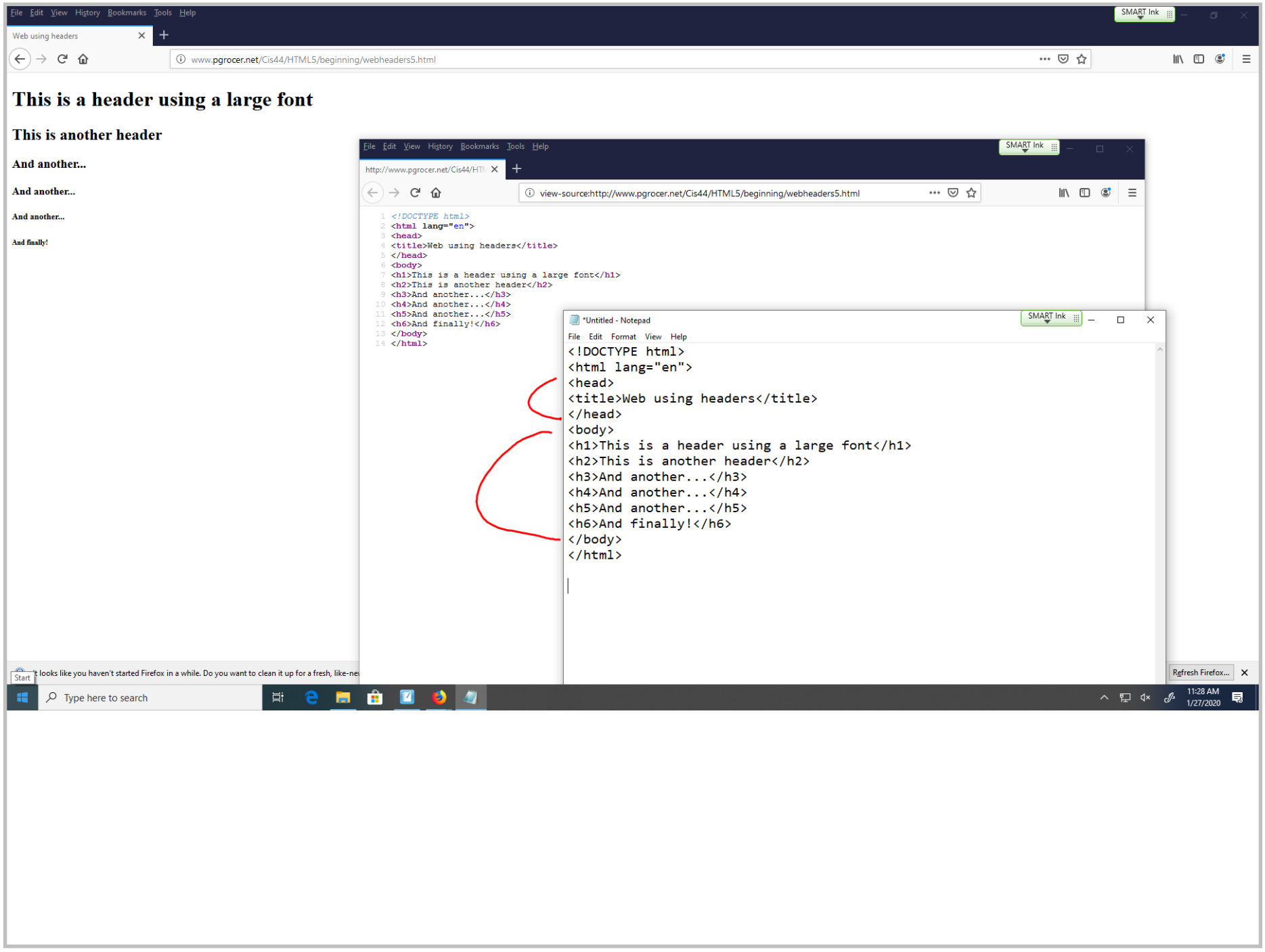

File Edit View History Bookmarks Tools Help
SMART Ink
CIS122 Syllabus
www.pgrocer.net/CIS122/CIS122sylS20.html
B. What you need to get started
C. Where you put your page
D. Gathering, select, organize and prepare information
E. Accessibility considerations
F. Ethical considerations
G. Cultural and global considerations
H. Hardware, paths and navigation
I. Application software
J. Uploading and downloading
K. Hosts
L. Domains
M. Interaction
N. Promotion
IV. Designing effective Web pages
A. Preparation
B. Design methods and good design concepts
C. Site flow and design
D. Graphics
E. Ongoing support
F. Managing site
P.grocer @ rcn.com
Requirements:
Text and materials: No text is required for this course. Students can find the material they will need at the course site and on the Internet. There will be a lot of homework assignments involving the Internet and a lot of projects. Students will search the Web, participate in discussions, subscribe to services etc. Multiple web pages will be produced using HTML5, CSS and Java Script and several of these will be installed on the Internet. Maintenance will also be required. Scheduling information about assignments, projects and exams will be kept on the Web site. Students are responsible for checking the schedule.
Grading:
10% Final exam
80% Homework, projects and quizzes (a website installed on the web is a requirement to pass this course)
10% Class participation, responsibility about work, keeping up to date, quality of work, adding extras that are above and beyond, showing initiative, figuring out problems etc.
Your commitment: For each hour in class, you should plan to put in 2 to 3 hours outside of class so you need to recognize that commitment and include it in your planning.
Below there is a TENATIVE schedule of homework based on previous semesters that will give you an idea of what you need to accomplish to be successful in the class. You are also required to read the chapters in the book and do outside research as assigned.
Week #1 No class
Week #2 Survey, HTML5/XHTML assignment, web search
Week #3 CSS, link and table assignment, validation
Week #4 Tables, images and mapping assignment, exercise
Week #5 Syllabus assignment, css assignment
Week #6 Template assignment, effective research, web site project
Week #7 JavaScript assignment
Week #8 JavaScript assignment, using web
Week #9 JavaScript quiz, function assignment
Week #10 JavaScript interactive assignment
Week #11 Calculate total JS problem, updating and maintenance assignment
Week #12 Payroll JS problem, second web site project
Week #13 Coding JS quiz, DOM assignment
Week #14 DOM assignment
Week #15 Prepare for final
Final Final exam and status sheet required
It is very important that you let me know if you are having problems so we can work out a plan. I set up help sessions you can attend every week and I also am available for help via email. Please take advantage of my availability and don't let yourself get behind! I truly want to see you succeed!
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
11:18 AM
1/27/2020

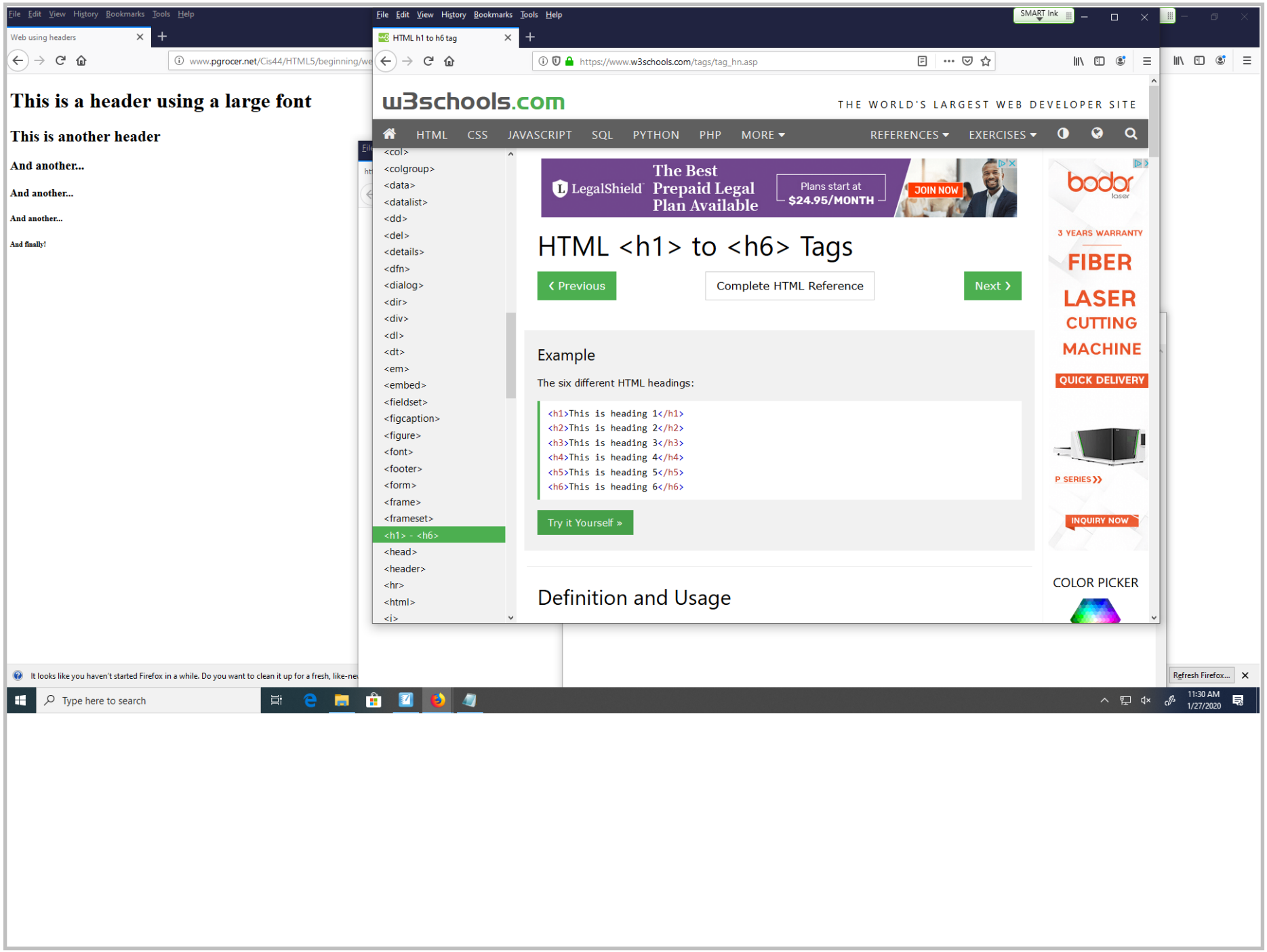


Title: Jan 27-11:18 AM (4 of 56)


File Edit View History Bookmarks Tools Help
Web using headers
www.pgrocer.net/Cis44/HTML5/beginning/webheaders5.html
SMART Ink
Capture to new page
This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
Save Page As...
Save Page to Pocket
Send Page to Device
View Background Image
Select All
View Page Source
View Page Info
Inspect Element (Q)
Inspect Accessibility Properties
Take a Screenshot
I am in Firefox.
When I right click I get the options shown, I click on view page source to see the HTML code that generated the page.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
11:20 AM
1/27/2020

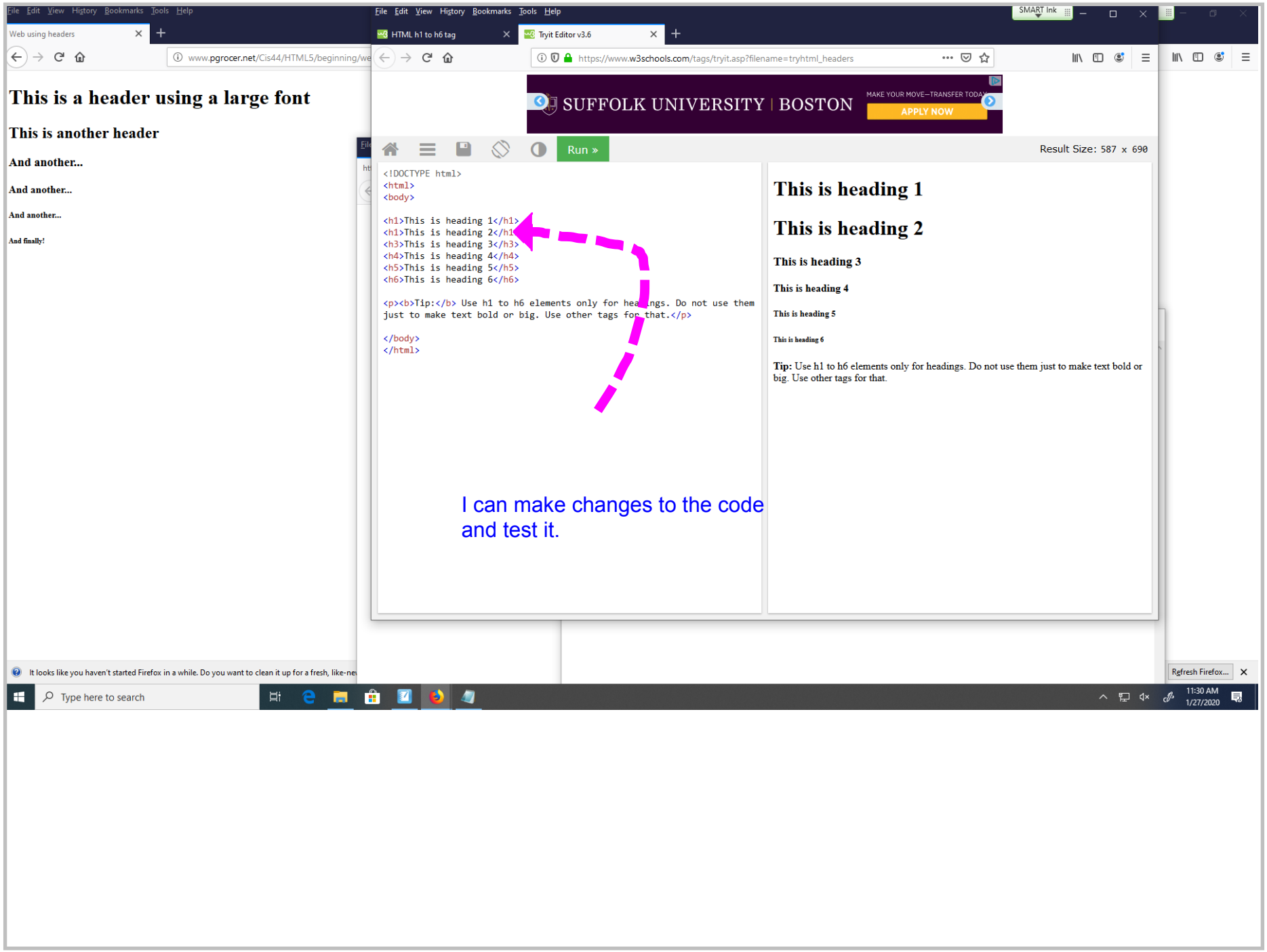

This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
<!DOCTYPE html>
<html lang="en">
<head>
<title>Web using headers</title>
</head>
<body>
<h1>This is a header using a large font</h1>
<h2>This is another header</h2>
<h3>And another...</h3>
<h4>And another...</h4>
<h5>And another...</h5>
<h6>And finally!</h6>
</body>
</html>
Pin to Overflow Menu
Remove from Toolbar
Menu Bar
Bookmarks Toolbar
Customize...
The Menu Bar shows the menu items you can use.
This shows the source. For a lot of these examples I will copy it to notepad and then I can show it more easily.

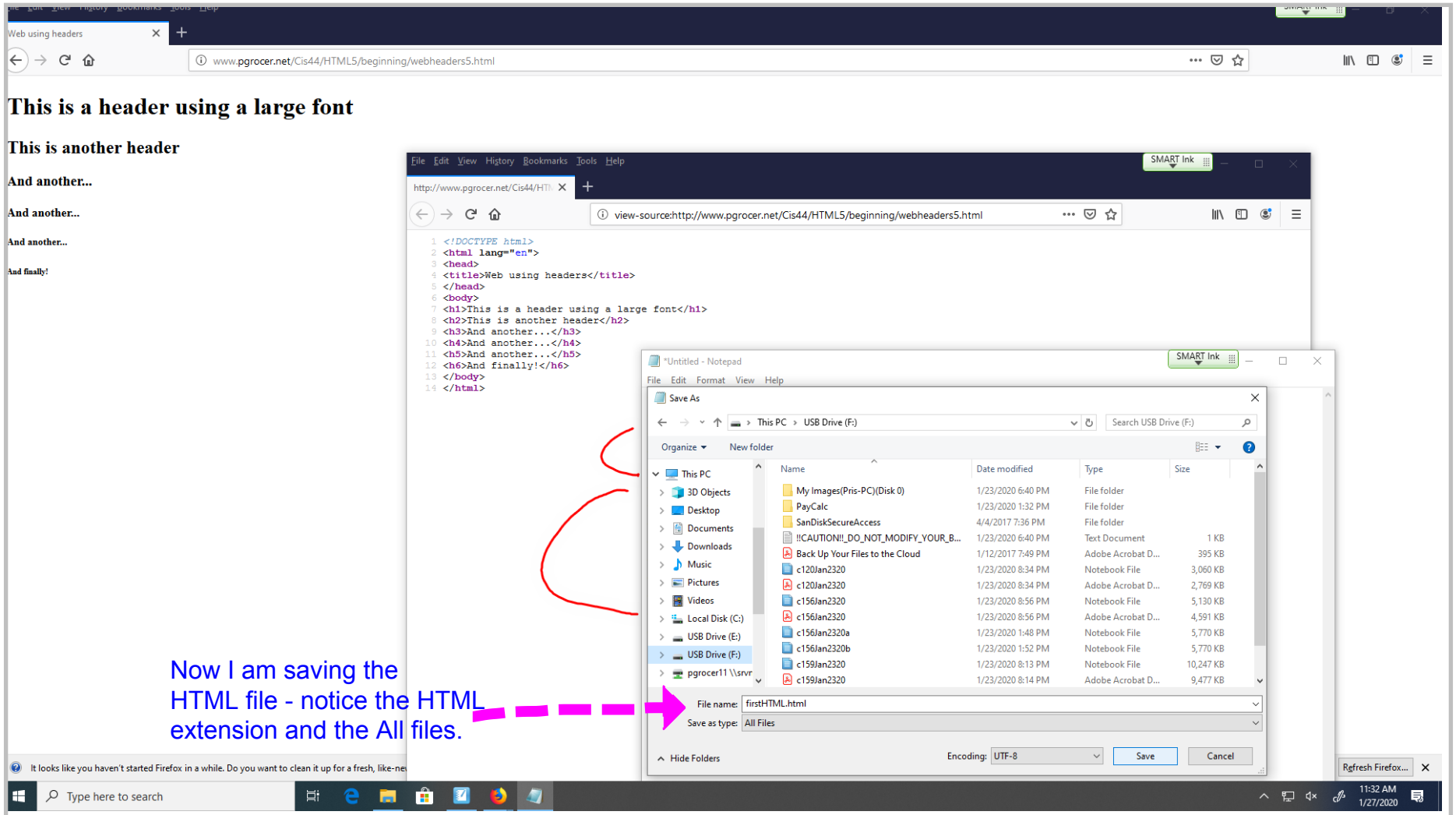

Web using headers
www.pgrocer.net/Cis44/HTML5/beginning/webheaders5.html
This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/webheaders5.html
<!DOCTYPE html>
<html lang="en">
<head>
<title>Web using headers</title>
</head>
<body>
<h1>This is a header using a large font</h1>
<h2>This is another header</h2>
<h3>And another...</h3>
<h4>And another...</h4>
<h5>And another...</h5>
<h6>And finally!</h6>
</body>
</html>
*Untitled - Notepad
File Edit Format View Help
Type here to search
11:28 AM
1/27/2020

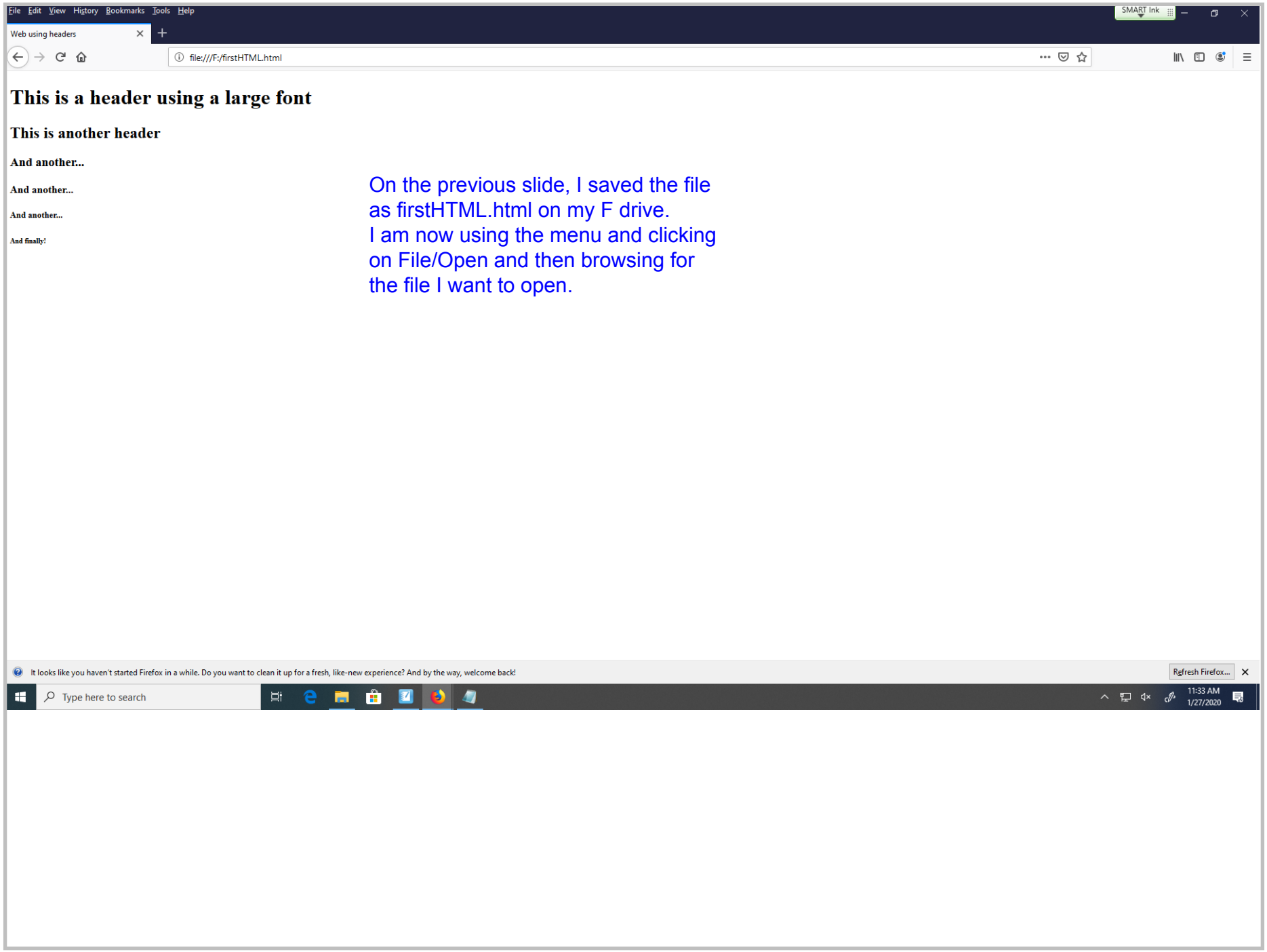

Web using headers
www.pgrocer.net/Cis44/HTML5/beginning/we
This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-ne
Refresh Firefox...
Type here to search
11:30 AM
1/27/2020
HTML h1 to h6 tag
https://www.w3schools.com/tags/tag_hn.asp
w3schools.com
THE WORLD'S LARGEST WEB DEVELOPER SITE
HTML CSS JAVASCRIPT SQL PYTHON PHP MORE
REFERENCES EXERCISES
<col>
<colgroup>
<data>
<datalist>
<dd>
<del>
<details>
<dfn>
<dialog>
<dir>

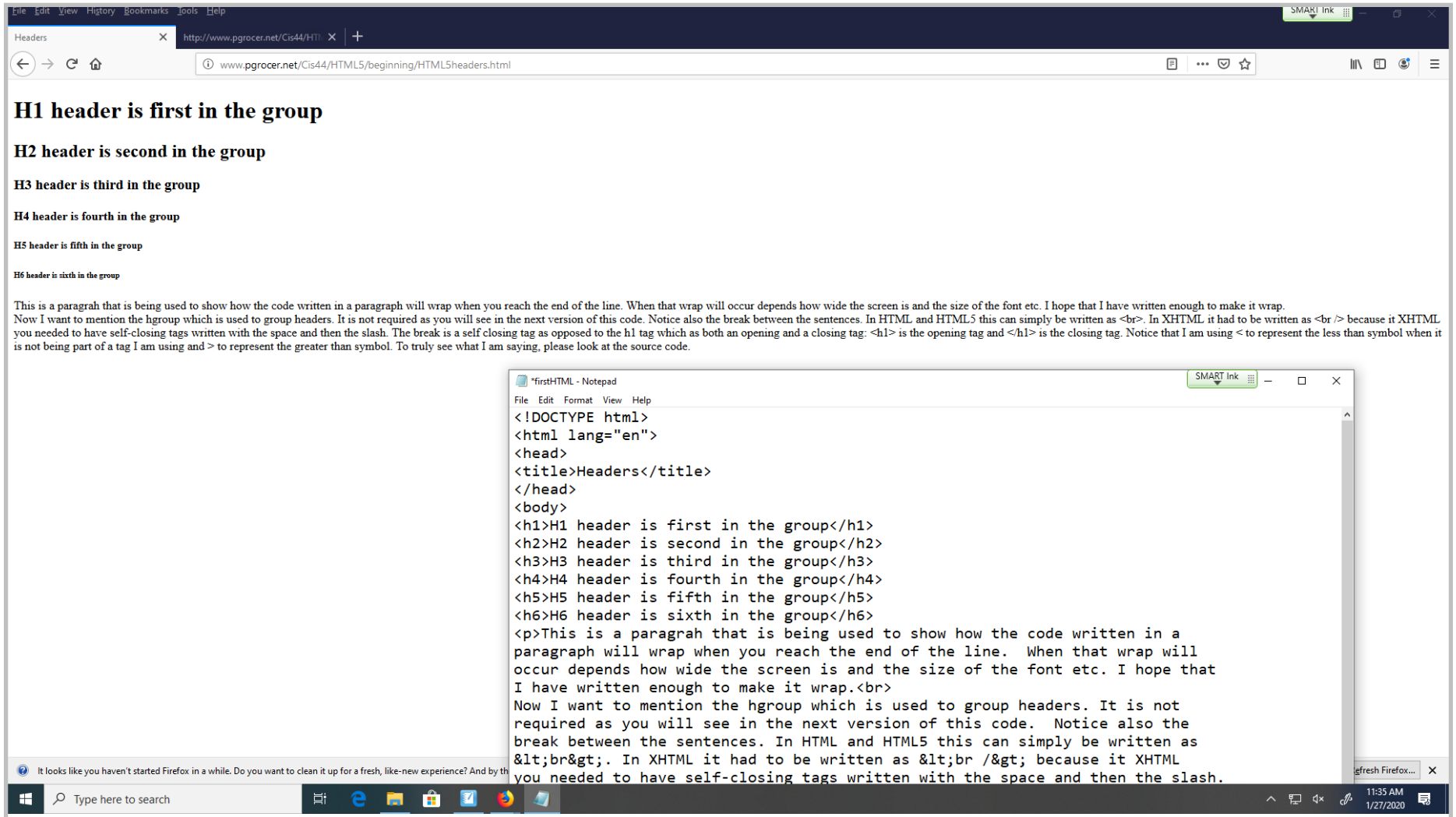
<dl>
<dt>

<embed>
<fieldset>
<figcaption>
<figure>
<font>
<footer>
<form>
<frame>
<frameset>
<h1> - <h6>
<head>
<header>
<hr>
<html>
<i>
LegalShield
The Best Prepaid Legal Plan Available
Plans start at $24.95/MONTH
JOIN NOW
HTML <h1> to <h6> Tags
‹ Previous
Complete HTML Reference
Next ›
Example
The six different HTML headings:
<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
Try it Yourself »
Definition and Usage
bodor laser
3 YEARS WARRANTY
FIBER LASER CUTTING MACHINE
QUICK DELIVERY
P SERIES
INQUIRY NOW
COLOR PICKER

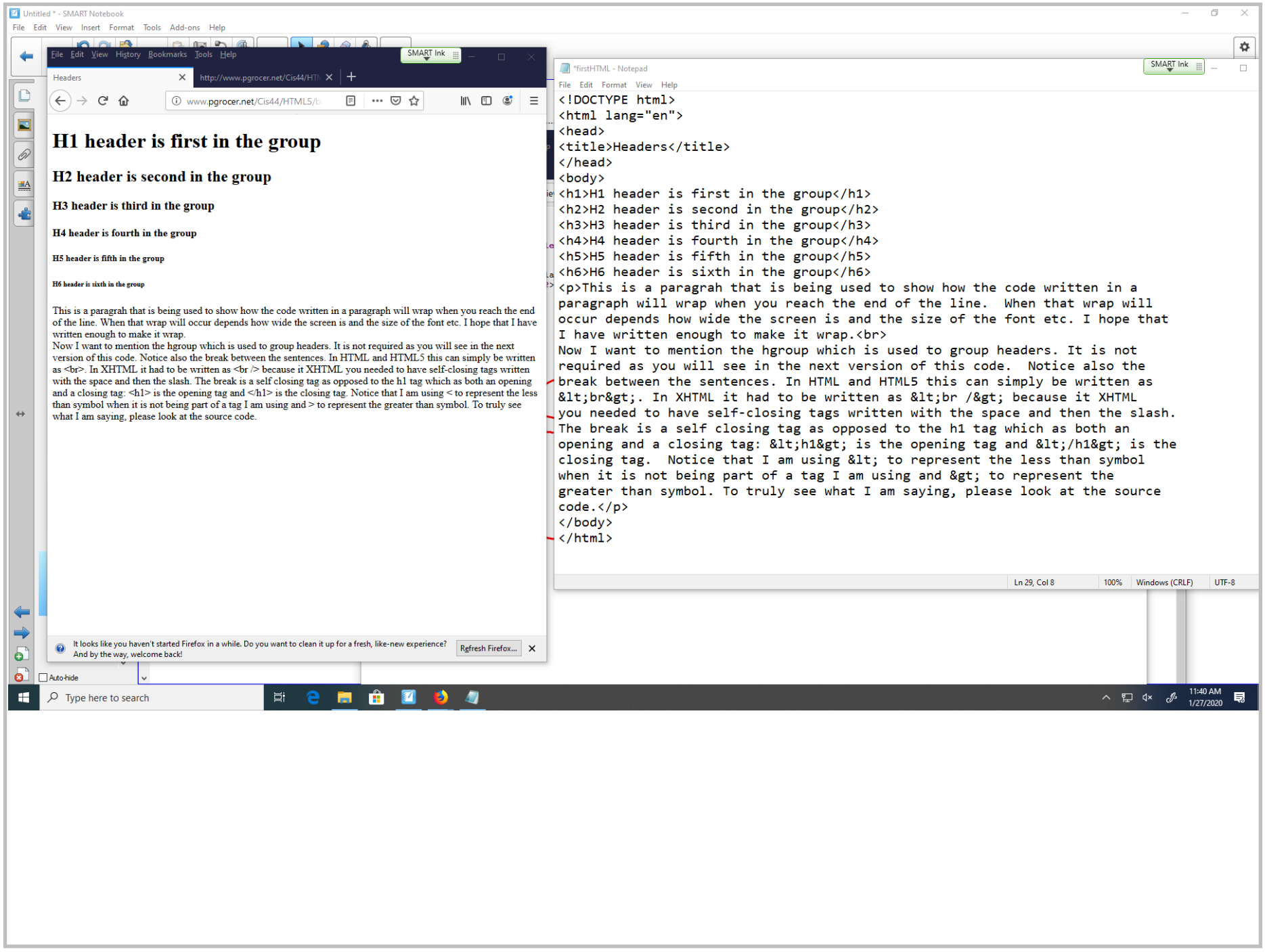

This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
HTML h1 to h6 tag
Tryit Editor v3.6
https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_headers
SUFFOLK UNIVERSITY | BOSTON
MAKE YOUR MOVE—TRANSFER TODAY
APPLY NOW
Run »
Result Size: 587 x 690
<!DOCTYPE html>
<html>
<body>
<h1>This is heading 1</h1>
<h1>This is heading 2</h1>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
Tip: Use h1 to h6 elements only for headings. Do not use them just to make text bold or big. Use other tags for that.
</body>
</html>
This is heading 1
This is heading 2
This is heading 3
This is heading 4
This is heading 5
This is heading 6
Tip: Use h1 to h6 elements only for headings. Do not use them just to make text bold or big. Use other tags for that.
I can make changes to the code and test it.
Type here to search
11:30 AM
1/27/2020

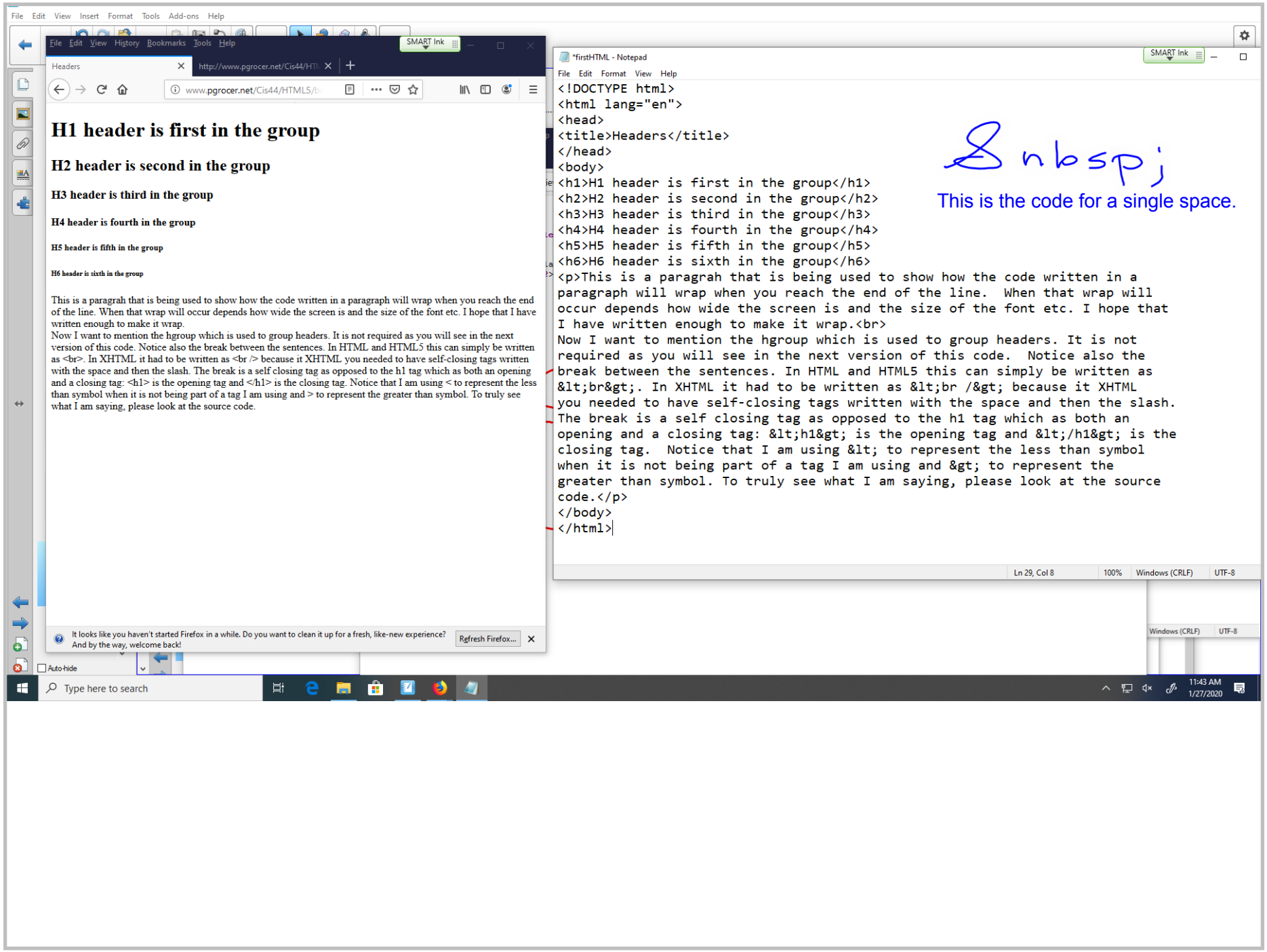

Web using headers
www.pgrocer.net/Cis44/HTML5/beginning/webheaders5.html
This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/webheaders5.html
<!DOCTYPE html>
<html lang="en">
<head>
<title>Web using headers</title>
</head>
<body>
<h1>This is a header using a large font</h1>
<h2>This is another header</h2>
<h3>And another...</h3>
<h4>And another...</h4>
<h5>And another...</h5>
<h6>And finally!</h6>
</body>
</html>
*Untitled - Notepad
Save As
This PC
USB Drive (F:)
Search USB Drive (F:)
Organize
New folder
Name
Date modified
Type
Size
My Images(Pris-PC)(Disk 0)
PayCalc
SanDiskSecureAccess
!!CAUTION!!_DO_NOT_MODIFY_YOUR_B...
Back Up Your Files to the Cloud
c120Jan2320
c120Jan2320
c156Jan2320
c156Jan2320
c156Jan2320a
c156Jan2320b
c159Jan2320
c159Jan2320
File name: firstHTML.html
Save as type: All Files
Encoding: UTF-8
Save
Cancel
Hide Folders
Now I am saving the HTML file - notice the HTML extension and the All files.
Type here to search
11:32 AM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
Web using headers
file:///F:/firstHTML.html
This is a header using a large font
This is another header
And another...
And another...
And another...
And finally!
On the previous slide, I saved the file as firstHTML.html on my F drive.
I am now using the menu and clicking on File/Open and then browsing for the file I want to open.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
11:33 AM
1/27/2020

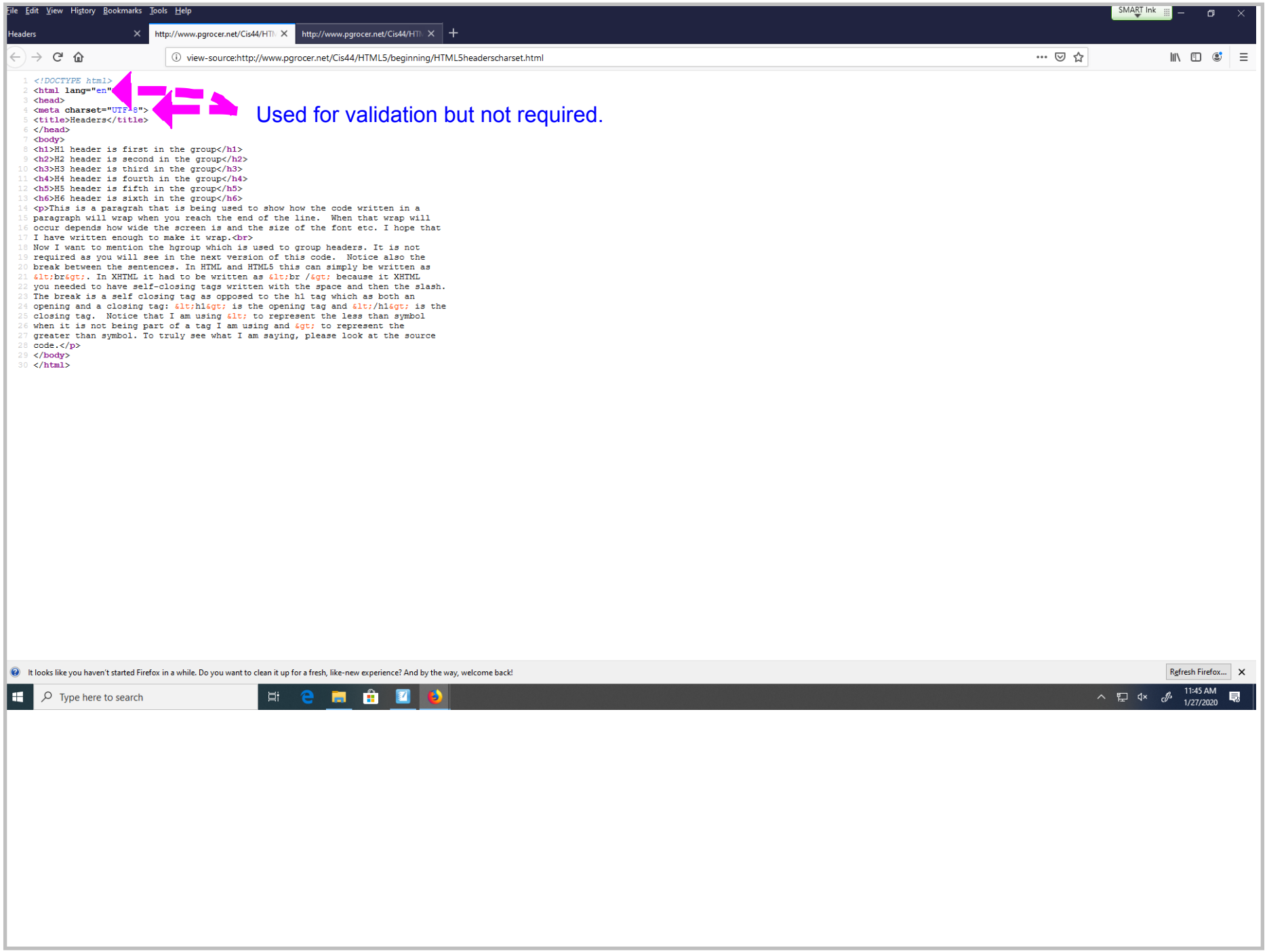

Headers
www.pgrocer.net/Cis44/HTML5/beginning/HTML5headers.html
H1 header is first in the group
H2 header is second in the group
H3 header is third in the group
H4 header is fourth in the group
H5 header is fifth in the group
H6 header is sixth in the group
This is a paragrah that is being used to show how the code written in a paragraph will wrap when you reach the end of the line. When that wrap will occur depends how wide the screen is and the size of the font etc. I hope that I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not required as you will see in the next version of this code. Notice also the break between the sentences. In HTML and HTML5 this can simply be written as <br>. In XHTML it had to be written as <br /> because it XHTML you needed to have self-closing tags written with the space and then the slash. The break is a self closing tag as opposed to the h1 tag which as both an opening and a closing tag: <h1> is the opening tag and </h1> is the closing tag. Notice that I am using < to represent the less than symbol when it is not being part of a tag I am using and > to represent the greater than symbol. To truly see what I am saying, please look at the source code.
*firstHTML - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<title>Headers</title>
</head>
<body>
<h1>H1 header is first in the group</h1>
<h2>H2 header is second in the group</h2>
<h3>H3 header is third in the group</h3>
<h4>H4 header is fourth in the group</h4>
<h5>H5 header is fifth in the group</h5>
<h6>H6 header is sixth in the group</h6>
<p>This is a paragrah that is being used to show how the code written in a
paragraph will wrap when you reach the end of the line. When that wrap will
occur depends how wide the screen is and the size of the font etc. I hope that
I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not
required as you will see in the next version of this code. Notice also the
break between the sentences. In HTML and HTML5 this can simply be written as

. In XHTML it had to be written as <br /> because it XHTML
you needed to have self-closing tags written with the space and then the slash.
Type here to search
11:35 AM
1/27/2020

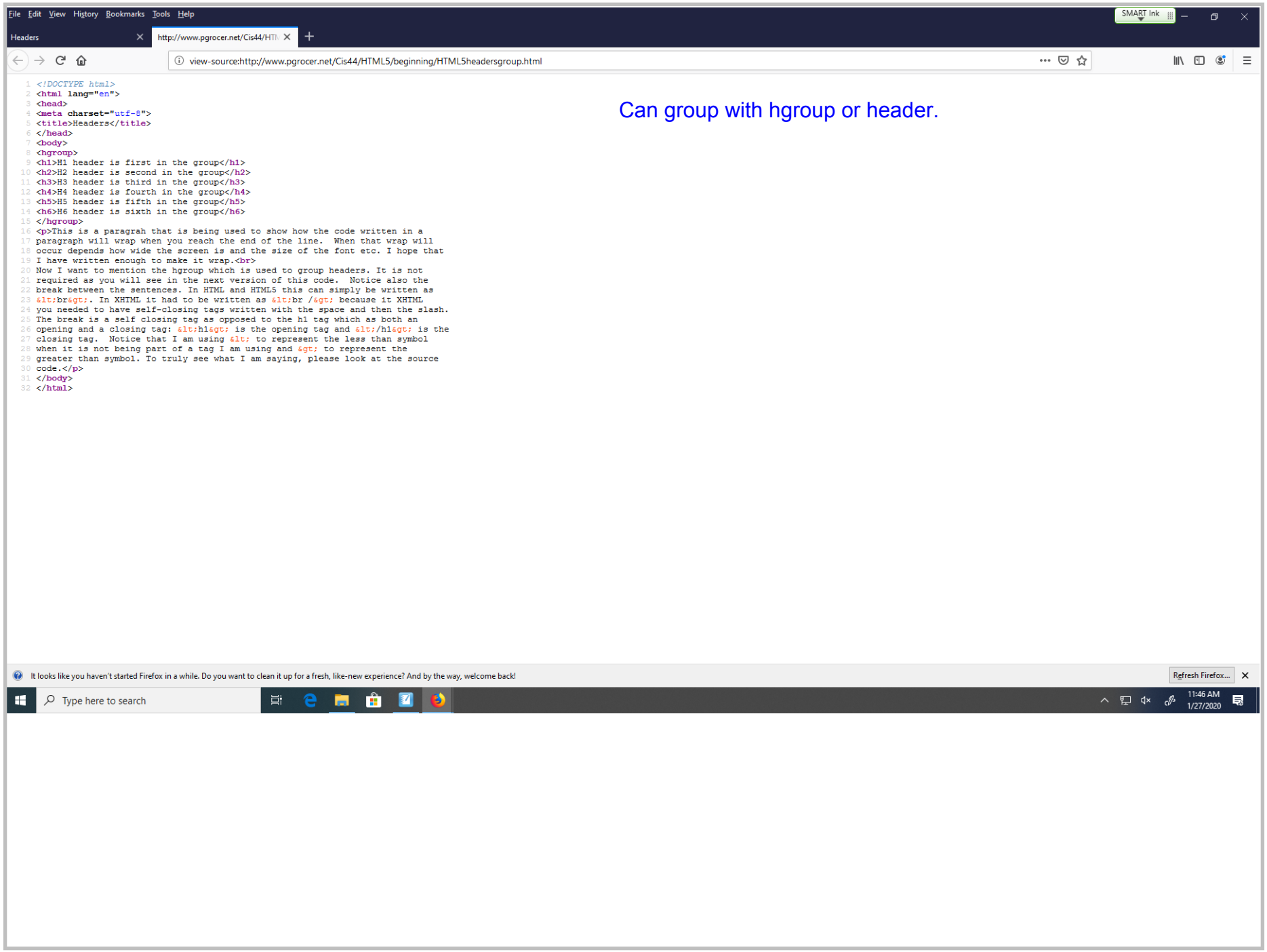

Untitled * - SMART Notebook
File Edit View Insert Format Tools Add-ons Help
SMART Ink
File Edit View History Bookmarks Tools Help
Headers
http://www.pgrocer.net/Cis44/HTML5/
www.pgrocer.net/Cis44/HTML5/
H1 header is first in the group
H2 header is second in the group
H3 header is third in the group
H4 header is fourth in the group
H5 header is fifth in the group
H6 header is sixth in the group
This is a paragrah that is being used to show how the code written in a paragraph will wrap when you reach the end of the line. When that wrap will occur depends how wide the screen is and the size of the font etc. I hope that I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not required as you will see in the next version of this code. Notice also the break between the sentences. In HTML and HTML5 this can simply be written as <br>. In XHTML it had to be written as <br /> because it XHTML you needed to have self-closing tags written with the space and then the slash. The break is a self closing tag as opposed to the h1 tag which as both an opening and a closing tag: <h1> is the opening tag and </h1> is the closing tag. Notice that I am using < to represent the less than symbol when it is not being part of a tag I am using and > to represent the greater than symbol. To truly see what I am saying, please look at the source code.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
*firstHTML - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<title>Headers</title>
</head>
<body>
<h1>H1 header is first in the group</h1>
<h2>H2 header is second in the group</h2>
<h3>H3 header is third in the group</h3>
<h4>H4 header is fourth in the group</h4>
<h5>H5 header is fifth in the group</h5>
<h6>H6 header is sixth in the group</h6>
This is a paragrah that is being used to show how the code written in a paragraph will wrap when you reach the end of the line. When that wrap will occur depends how wide the screen is and the size of the font etc. I hope that I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not required as you will see in the next version of this code. Notice also the break between the sentences. In HTML and HTML5 this can simply be written as <br>. In XHTML it had to be written as <br /> because it XHTML you needed to have self-closing tags written with the space and then the slash. The break is a self closing tag as opposed to the h1 tag which as both an opening and a closing tag: <h1> is the opening tag and </h1> is the closing tag. Notice that I am using < to represent the less than symbol when it is not being part of a tag I am using and > to represent the greater than symbol. To truly see what I am saying, please look at the source code.
</body>
</html>
Ln 29, Col 8
100%
Windows (CRLF)
UTF-8
Auto-hide
Type here to search
11:40 AM
1/27/2020



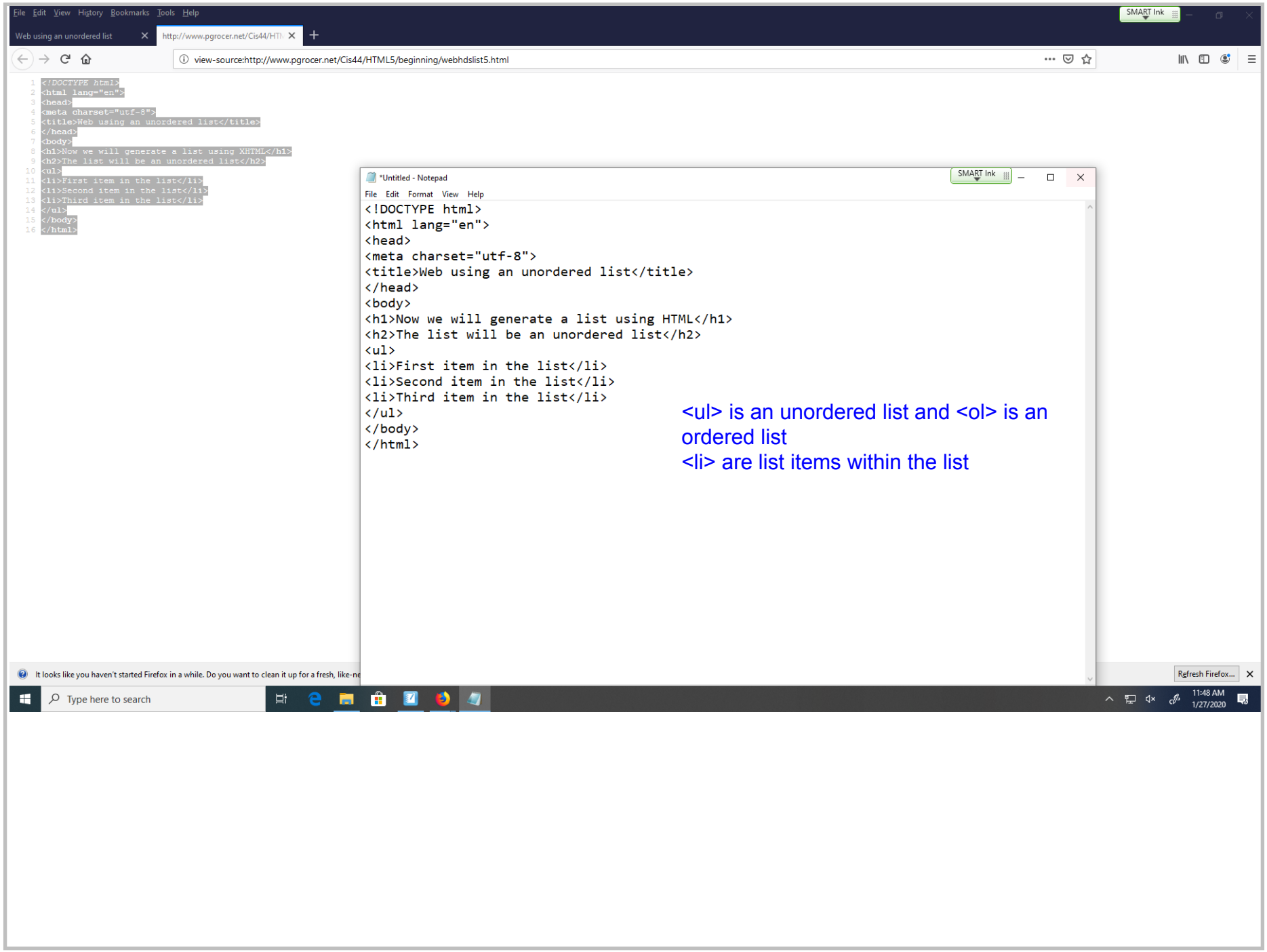
This is the code for a single space.
H1 header is first in the group
H2 header is second in the group
H3 header is third in the group
H4 header is fourth in the group
H5 header is fifth in the group
H6 header is sixth in the group
This is a paragrah that is being used to show how the code written in a paragraph will wrap when you reach the end of the line. When that wrap will occur depends how wide the screen is and the size of the font etc. I hope that I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not required as you will see in the next version of this code. Notice also the break between the sentences. In HTML and HTML5 this can simply be written as <br>. In XHTML it had to be written as <br /> because it XHTML you needed to have self-closing tags written with the space and then the slash. The break is a self closing tag as opposed to the h1 tag which as both an opening and a closing tag: <h1> is the opening tag and </h1> is the closing tag. Notice that I am using < to represent the less than symbol when it is not being part of a tag I am using and > to represent the greater than symbol. To truly see what I am saying, please look at the source code.
*firstHTML - Notepad
<!DOCTYPE html>
<html lang="en">
<head>
<title>Headers</title>
</head>
<body>
<h1>H1 header is first in the group</h1>
<h2>H2 header is second in the group</h2>
<h3>H3 header is third in the group</h3>
<h4>H4 header is fourth in the group</h4>
<h5>H5 header is fifth in the group</h5>
<h6>H6 header is sixth in the group</h6>
This is a paragrah that is being used to show how the code written in a paragraph will wrap when you reach the end of the line. When that wrap will occur depends how wide the screen is and the size of the font etc. I hope that I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not required as you will see in the next version of this code. Notice also the break between the sentences. In HTML and HTML5 this can simply be written as <br>. In XHTML it had to be written as <br /> because it XHTML you needed to have self-closing tags written with the space and then the slash. The break is a self closing tag as opposed to the h1 tag which as both an opening and a closing tag: <h1> is the opening tag and </h1> is the closing tag. Notice that I am using < to represent the less than symbol when it is not being part of a tag I am using and > to represent the greater than symbol. To truly see what I am saying, please look at the source code.
</body>
</html>
Ln 29, Col 8
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
11:43 AM
1/27/2020




```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Headers</title>
</head>
<body>
<h1>H1 header is first in the group</h1>
<h2>H2 header is second in the group</h2>
<h3>H3 header is third in the group</h3>
<h4>H4 header is fourth in the group</h4>
<h5>H5 header is fifth in the group</h5>
<h6>H6 header is sixth in the group</h6>
<p>This is a paragrah that is being used to show how the code written in a
paragraph will wrap when you reach the end of the line.  When that wrap will
occur depends how wide the screen is and the size of the font etc. I hope that
I have written enough to make it wrap.<br>
Now I want to mention the hgroup which is used to group headers. It is not
required as you will see in the next version of this code.  Notice also the
break between the sentences. In HTML and HTML5 this can simply be written as
&lt;br&gt;. In XHTML it had to be written as &lt;br /&gt; because it XHTML
you needed to have self-closing tags written with the space and then the slash.
The break is a self closing tag as opposed to the h1 tag which as both an
opening and a closing tag: &lt;h1&gt; is the opening tag and &lt;/h1&gt; is the
closing tag.  Notice that I am using &lt; to represent the less than symbol
when it is not being part of a tag I am using and &gt; to represent the
greater than symbol. To truly see what I am saying, please look at the source
code.</p>
</body>
</html>
```


File Edit View History Bookmarks Tools Help
SMART Ink
Headers
http://www.pgrocer.net/Cis44/HTM
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/HTML5headersgroup.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Headers</title>
</head>
<body>
<hgroup>
<h1>H1 header is first in the group</h1>
<h2>H2 header is second in the group</h2>
<h3>H3 header is third in the group</h3>
<h4>H4 header is fourth in the group</h4>
<h5>H5 header is fifth in the group</h5>
<h6>H6 header is sixth in the group</h6>
</hgroup>
This is a paragrah that is being used to show how the code written in a
paragraph will wrap when you reach the end of the line. When that wrap will
occur depends how wide the screen is and the size of the font etc. I hope that
I have written enough to make it wrap.
Now I want to mention the hgroup which is used to group headers. It is not
required as you will see in the next version of this code. Notice also the
break between the sentences. In HTML and HTML5 this can simply be written as

. In XHTML it had to be written as <br /> because it XHTML
you needed to have self-closing tags written with the space and then the slash.
The break is a self closing tag as opposed to the h1 tag which as both an
opening and a closing tag: <h1> is the opening tag and </h1> is the
closing tag. Notice that I am using < to represent the less than symbol
when it is not being part of a tag I am using and > to represent the
greater than symbol. To truly see what I am saying, please look at the source
code.
</body>
</html>
Can group with hgroup or header.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
11:46 AM
1/27/2020

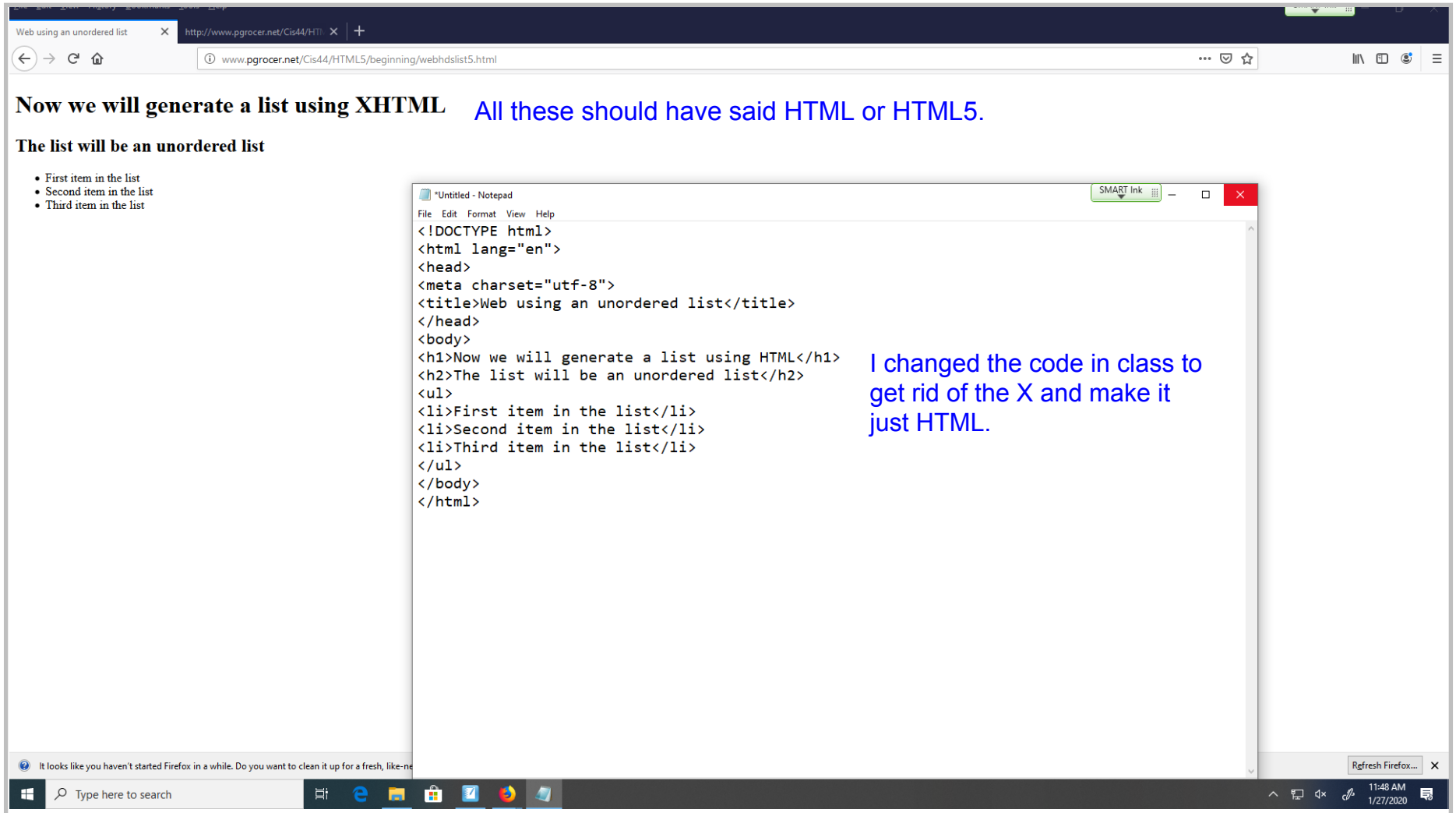

Web using an unordered list
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/webhdslist5.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using an unordered list</title>
</head>
<body>
<h1>Now we will generate a list using XHTML</h1>
<h2>The list will be an unordered list</h2>

First item in the list
Second item in the list
Third item in the list

</body>
</html>
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using an unordered list</title>
</head>
<body>
<h1>Now we will generate a list using HTML</h1>
<h2>The list will be an unordered list</h2>

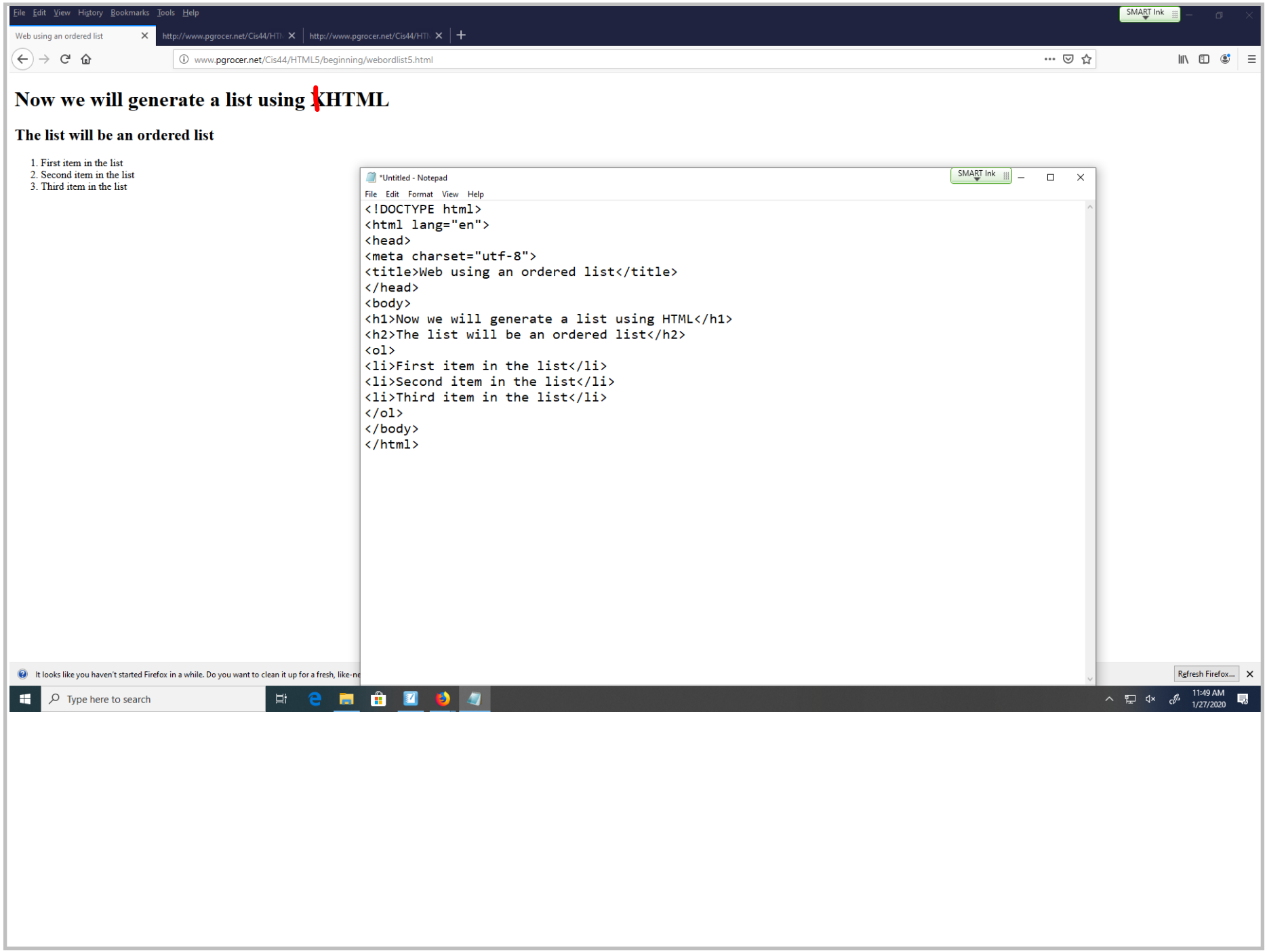
First item in the list
Second item in the list
Third item in the list

</body>
</html>
 is an unordered list and <ol> is an ordered list
 are list items within the list
Type here to search



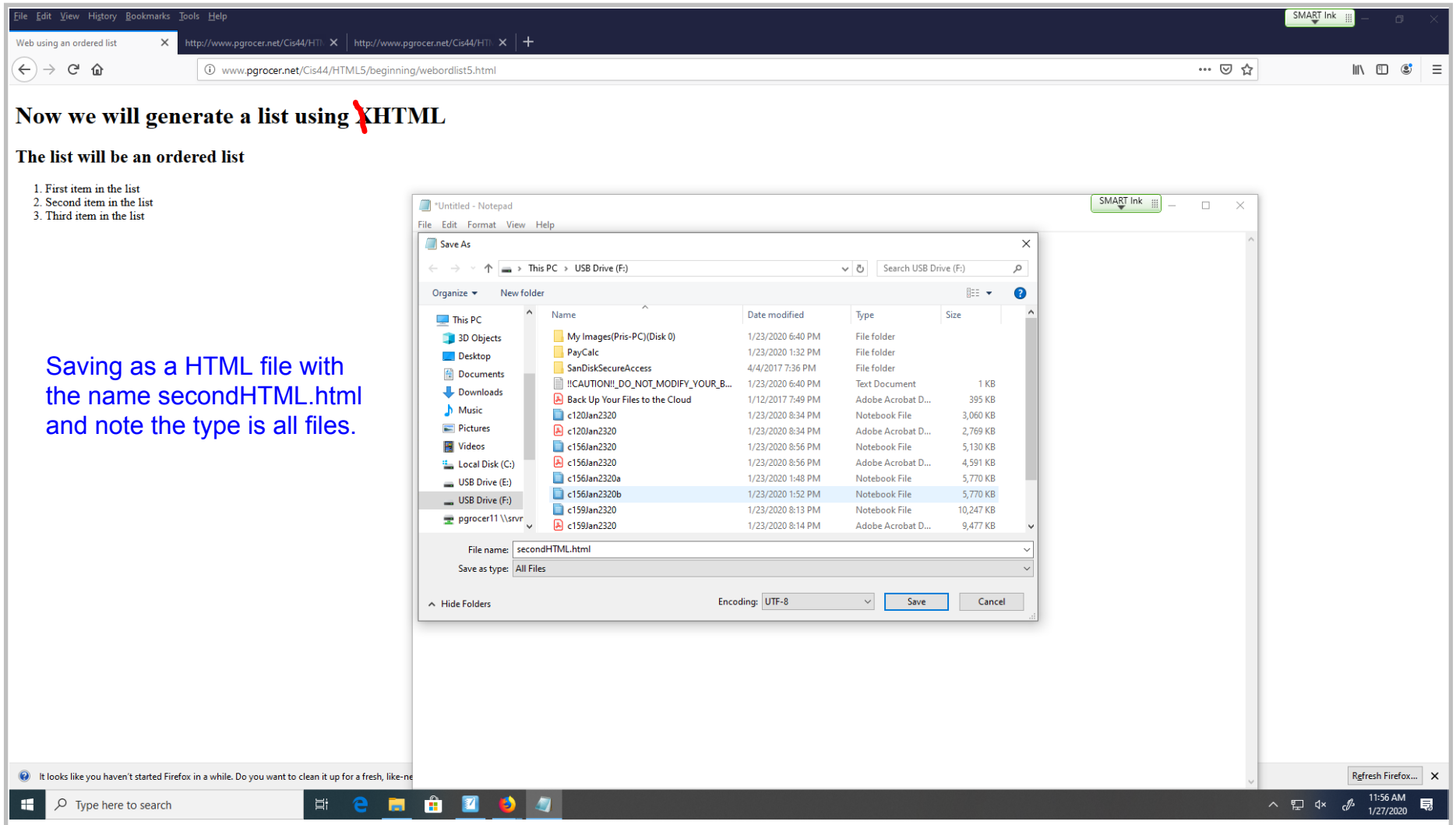
All these should have said HTML or HTML5.

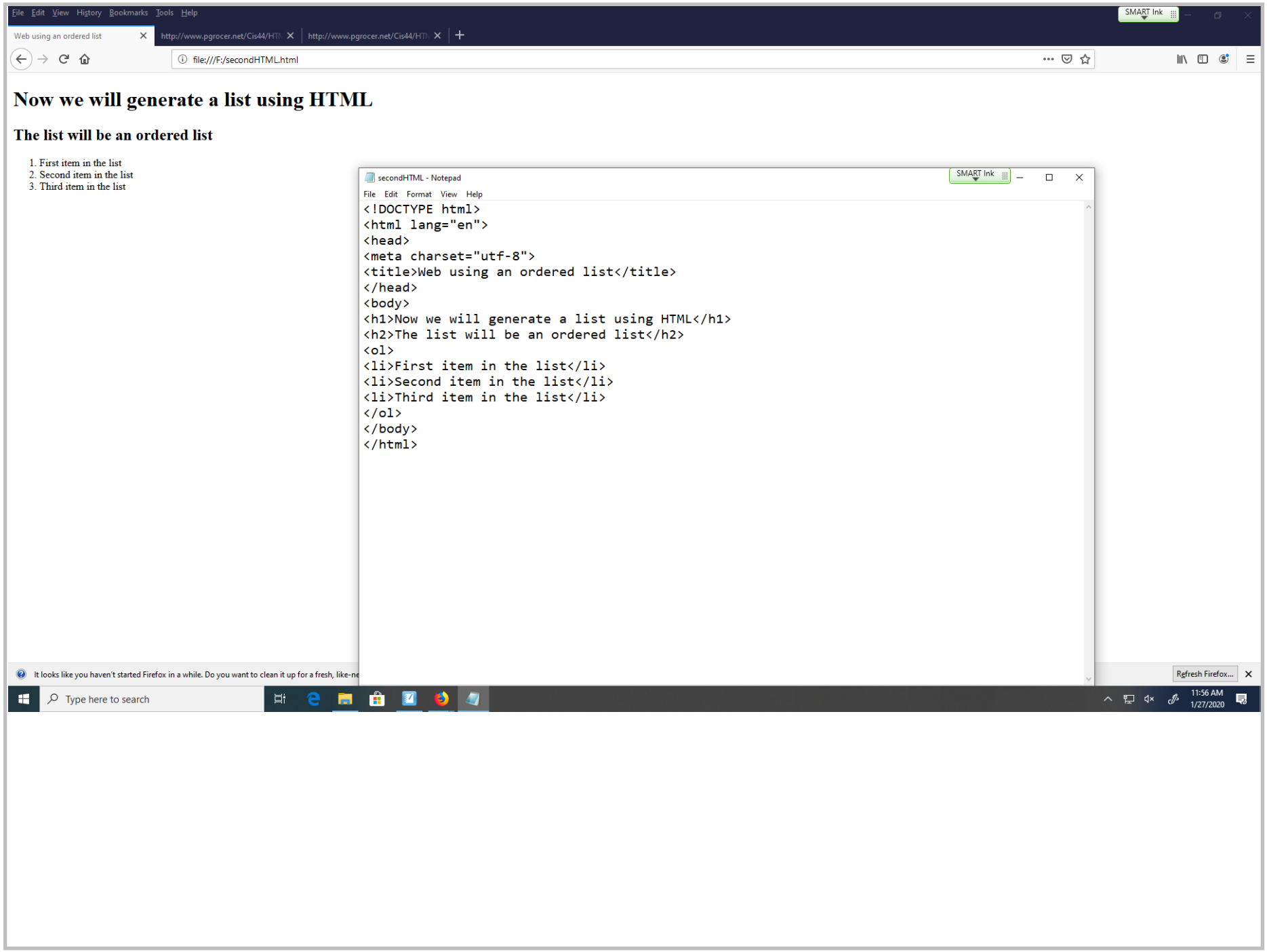
I changed the code in class to get rid of the X and make it just HTML.


Web using an ordered list
www.pgrocer.net/Cis44/HTML5/beginning/webordlist5.html
Now we will generate a list using XHTML
The list will be an ordered list
1. First item in the list
2. Second item in the list
3. Third item in the list
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using an ordered list</title>
</head>
<body>
<h1>Now we will generate a list using HTML</h1>
<h2>The list will be an ordered list</h2>

First item in the list
Second item in the list
Third item in the list

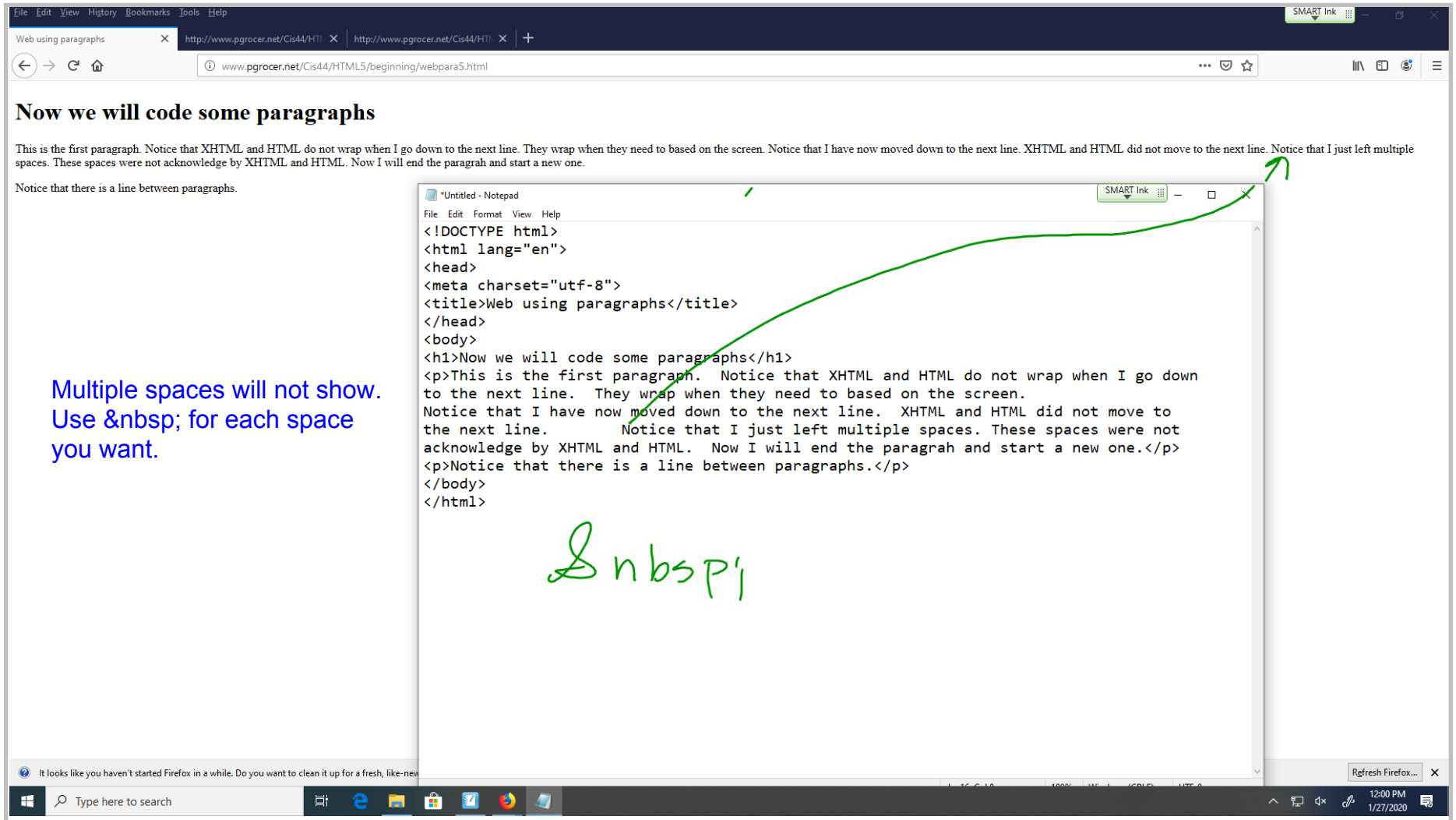
</body>
</html>
Refresh Firefox...
Type here to search
11:49 AM
1/27/2020


Web using an ordered list
www.pgrocer.net/Cis44/HTML5/beginning/webordlist5.html
Now we will generate a list using XHTML
The list will be an ordered list
1. First item in the list
2. Second item in the list
3. Third item in the list
Saving as a HTML file with the name secondHTML.html and note the type is all files.
*Untitled - Notepad
Save As
File name: secondHTML.html
Save as type: All Files
Encoding: UTF-8
Save
Cancel
Refresh Firefox...
Type here to search
11:56 AM
1/27/2020

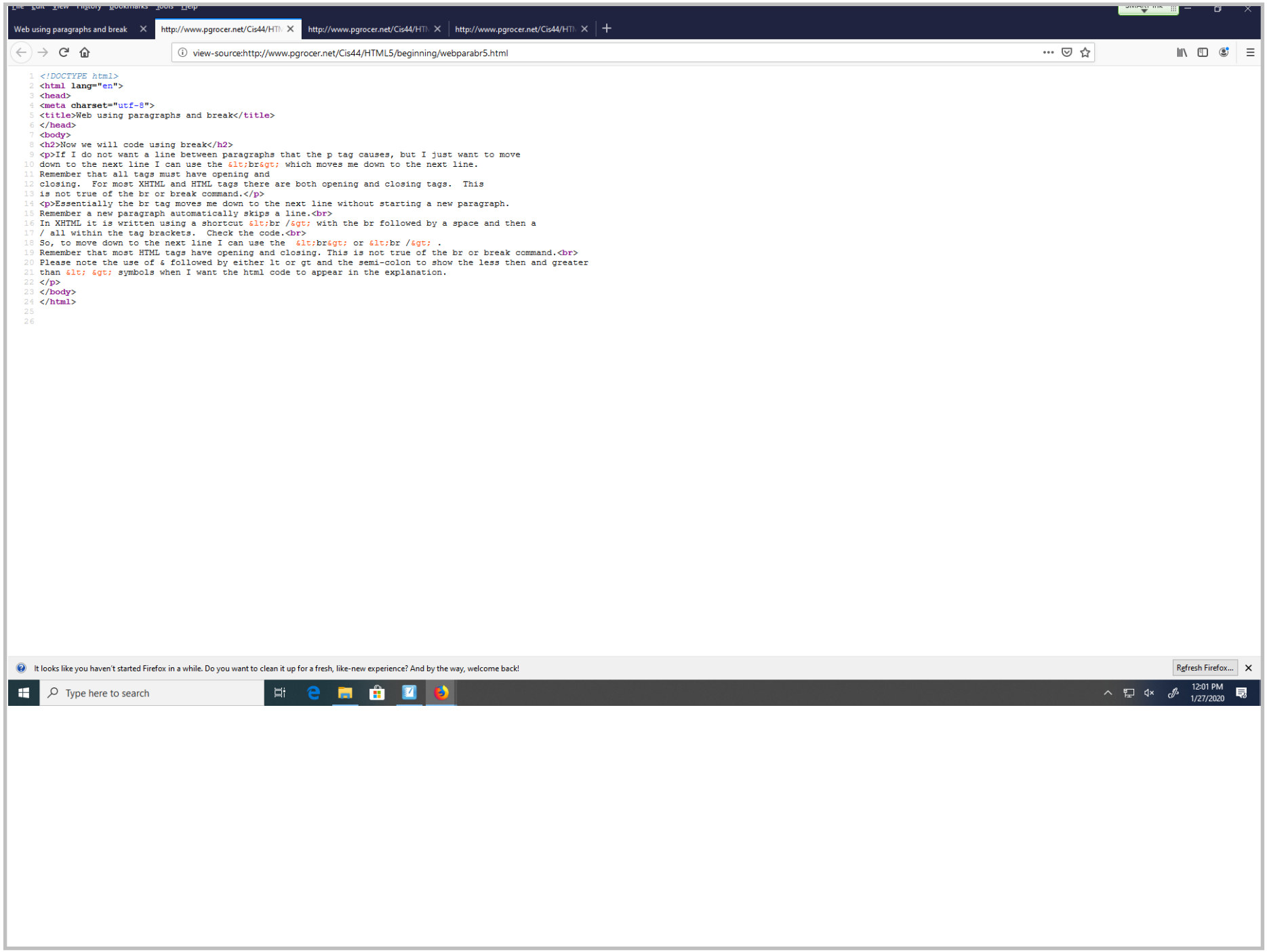

File Edit View History Bookmarks Tools Help
SMART Ink
Web using an ordered list
http://www.pgrocer.net/Cis44/HTI
http://www.pgrocer.net/Cis44/HTI
file:///F:/secondHTML.html
Now we will generate a list using HTML
The list will be an ordered list
1. First item in the list
2. Second item in the list
3. Third item in the list
secondHTML - Notepad
SMART Ink
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using an ordered list</title>
</head>
<body>
<h1>Now we will generate a list using HTML</h1>
<h2>The list will be an ordered list</h2>

First item in the list
Second item in the list
Third item in the list

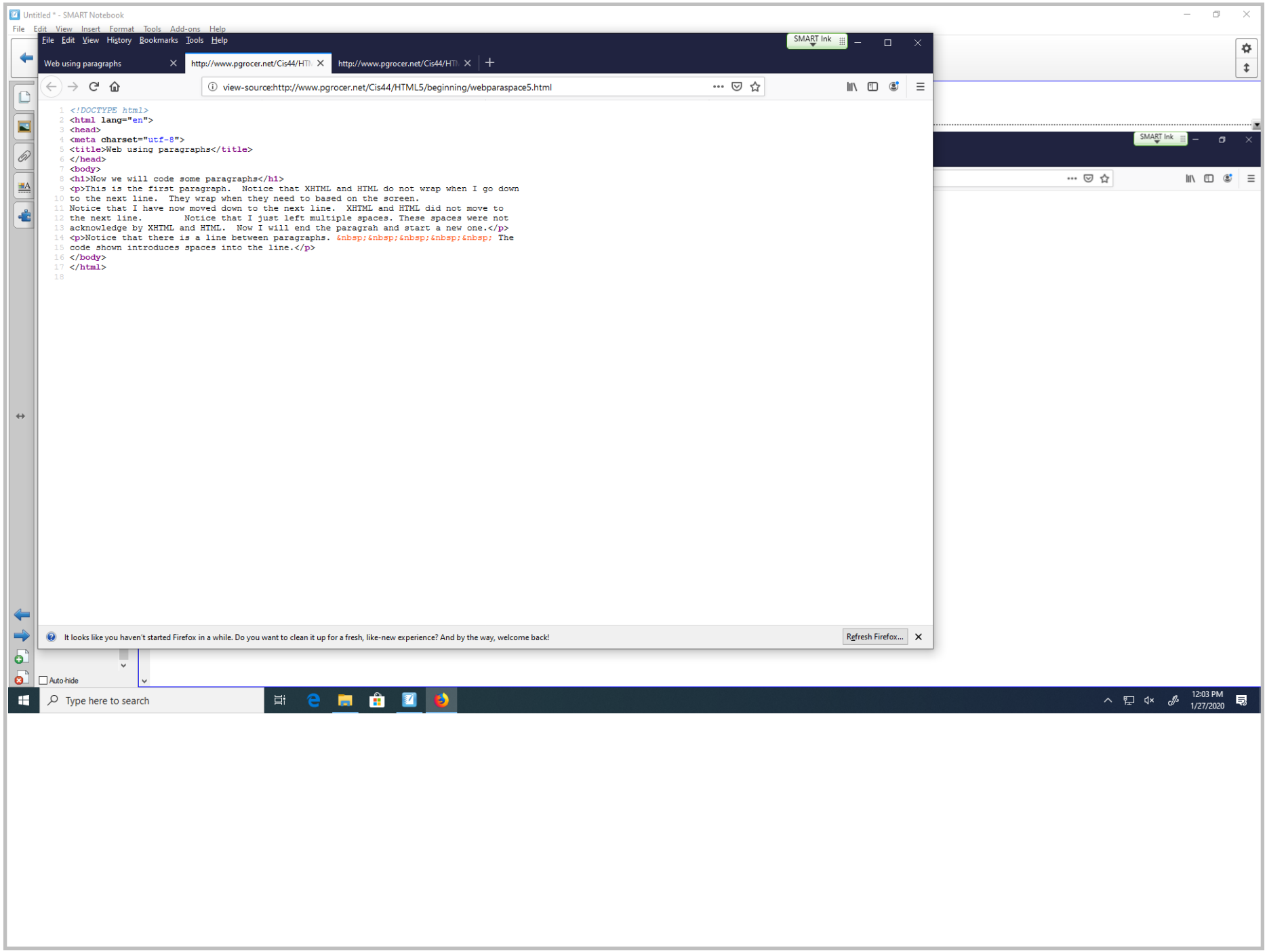
</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-ne
Refresh Firefox...
Type here to search
11:56 AM
1/27/2020

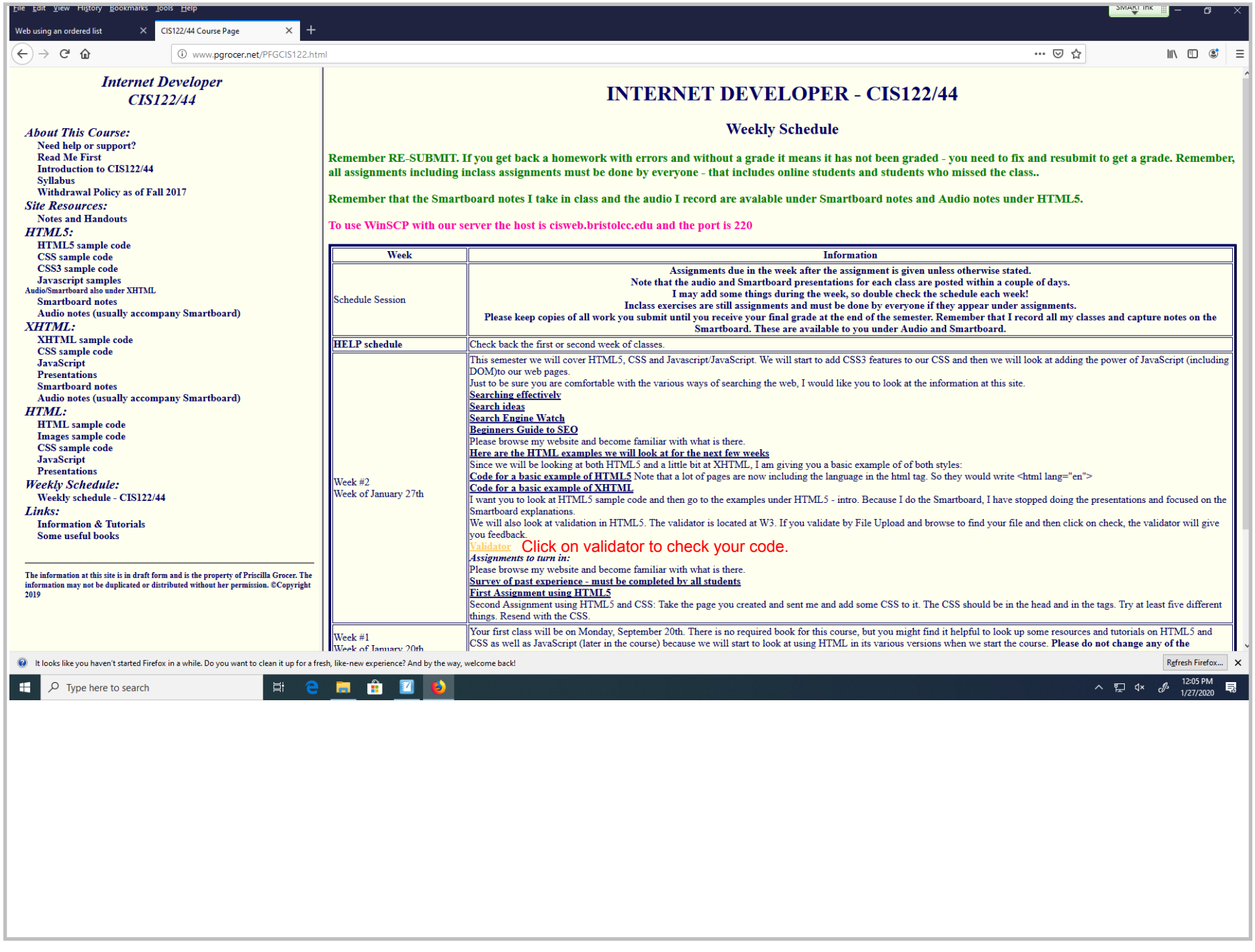

Web using paragraphs
www.pgrocer.net/Cis44/HTML5/beginning/webpara5.html
Now we will code some paragraphs
This is the first paragraph. Notice that XHTML and HTML do not wrap when I go down to the next line. They wrap when they need to based on the screen. Notice that I have now moved down to the next line. XHTML and HTML did not move to the next line. Notice that I just left multiple spaces. These spaces were not acknowledge by XHTML and HTML. Now I will end the paragrah and start a new one.
Notice that there is a line between paragraphs.
Multiple spaces will not show.
Use   for each space
you want.
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using paragraphs</title>
</head>
<body>
<h1>Now we will code some paragraphs</h1>
This is the first paragraph. Notice that XHTML and HTML do not wrap when I go down
to the next line. They wrap when they need to based on the screen.
Notice that I have now moved down to the next line. XHTML and HTML did not move to
the next line. Notice that I just left multiple spaces. These spaces were not
acknowledge by XHTML and HTML. Now I will end the paragrah and start a new one.
Notice that there is a line between paragraphs.
</body>
</html>

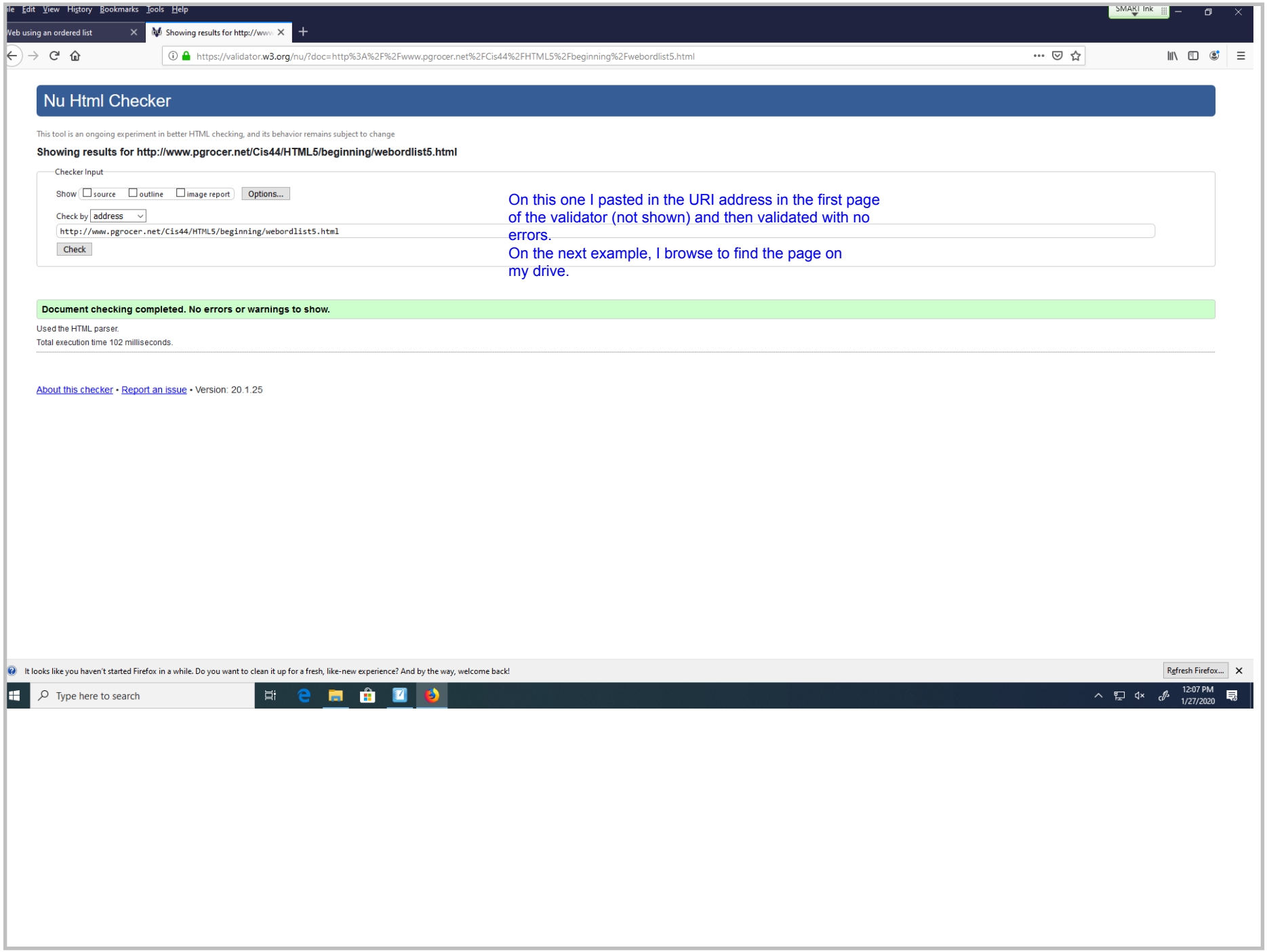
Refresh Firefox...
Type here to search
12:00 PM
1/27/2020

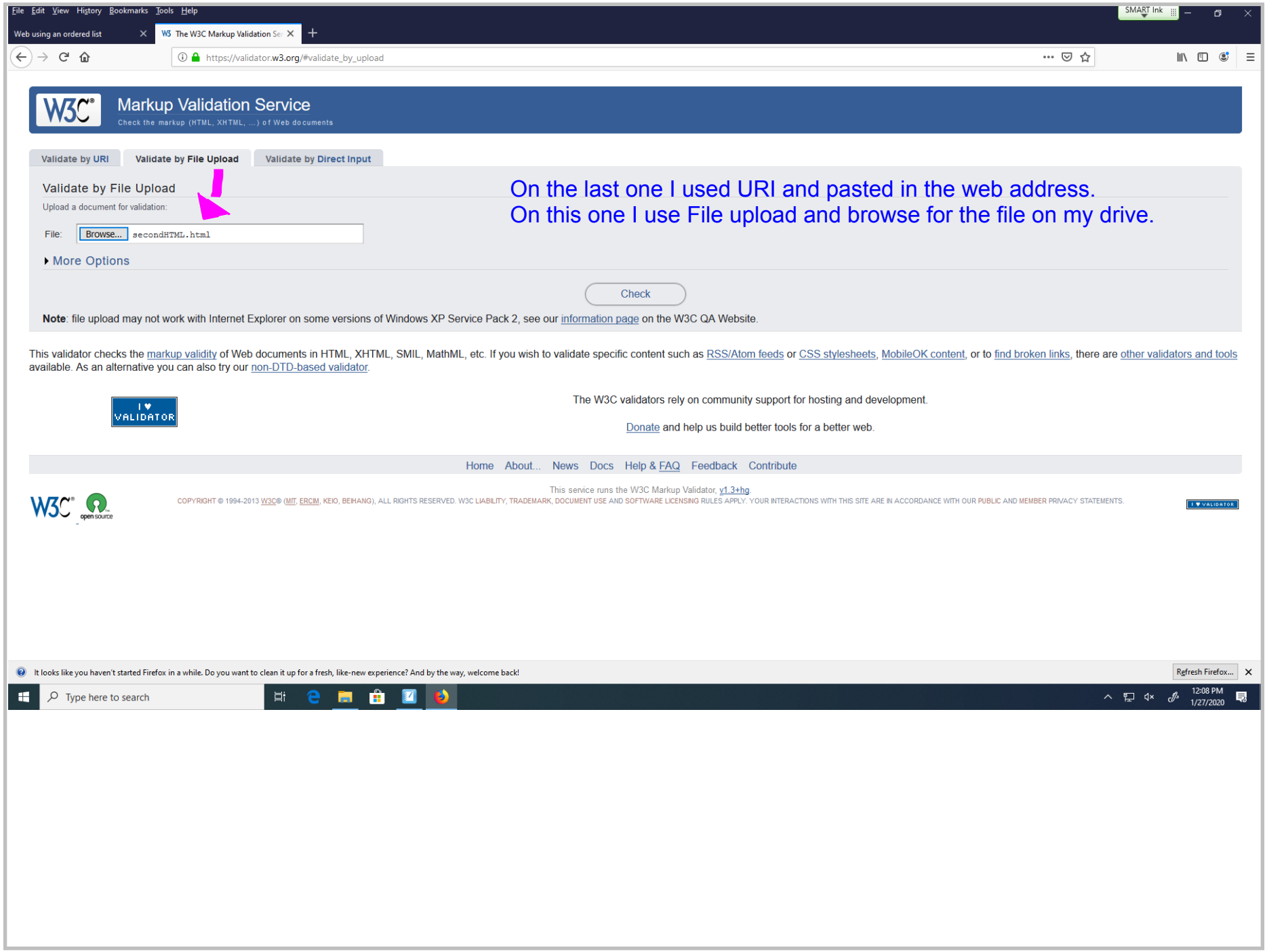

Web using paragraphs and break
http://www.pgrocer.net/Cis44/HTML5/beginning/webparabr5.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using paragraphs and break</title>
</head>
<body>
<h2>Now we will code using break</h2>
If I do not want a line between paragraphs that the p tag causes, but I just want to move
down to the next line I can use the <br> which moves me down to the next line.
Remember that all tags must have opening and
closing. For most XHTML and HTML tags there are both opening and closing tags. This
is not true of the br or break command.
Essentially the br tag moves me down to the next line without starting a new paragraph.
Remember a new paragraph automatically skips a line.
In XHTML it is written using a shortcut <br /> with the br followed by a space and then a
/ all within the tag brackets. Check the code.
So, to move down to the next line I can use the <br> or
 .
Remember that most HTML tags have opening and closing. This is not true of the br or break command.
Please note the use of & followed by either lt or gt and the semi-colon to show the less then and greater
than < > symbols when I want the html code to appear in the explanation.

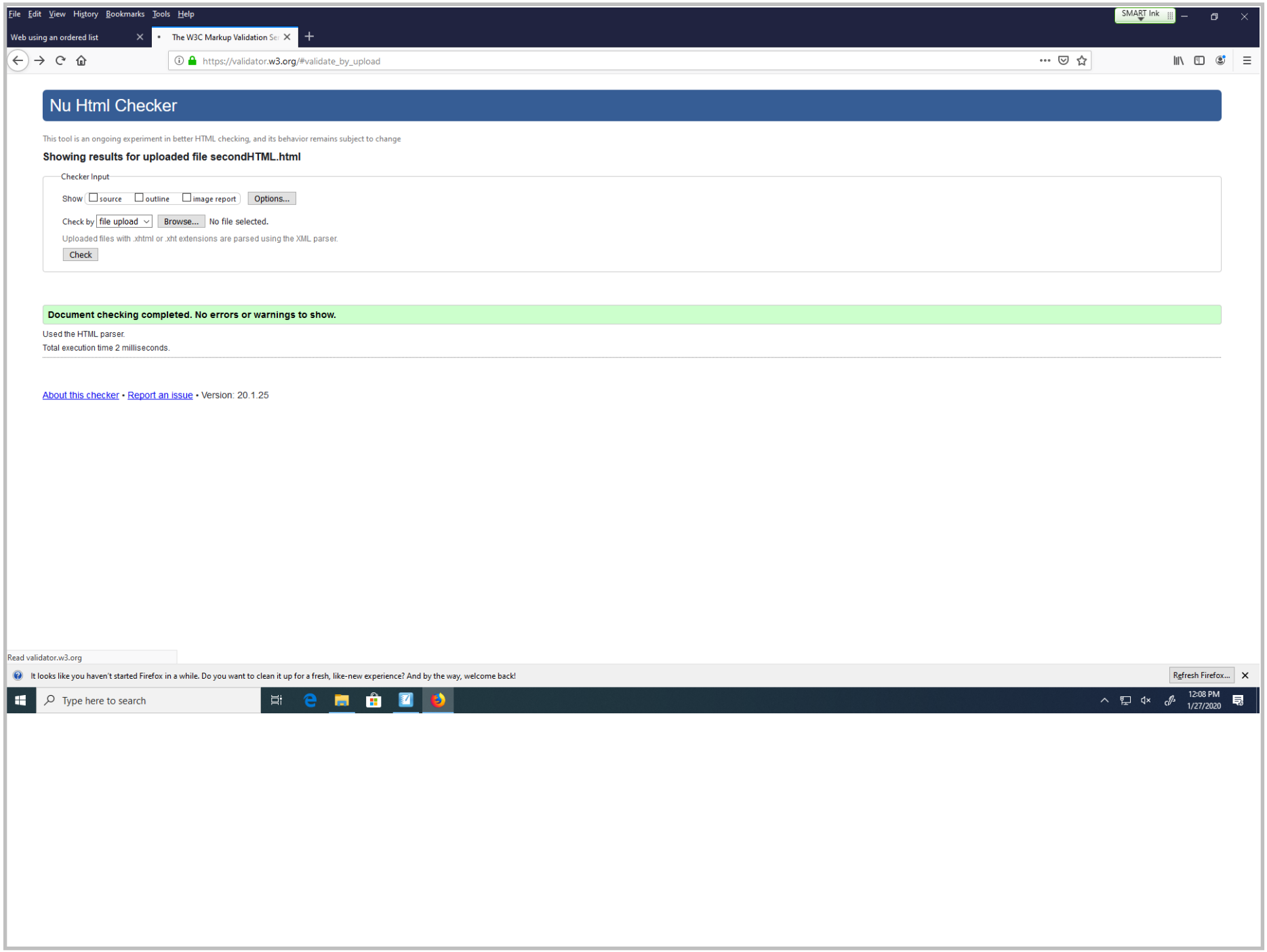
</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:01 PM
1/27/2020

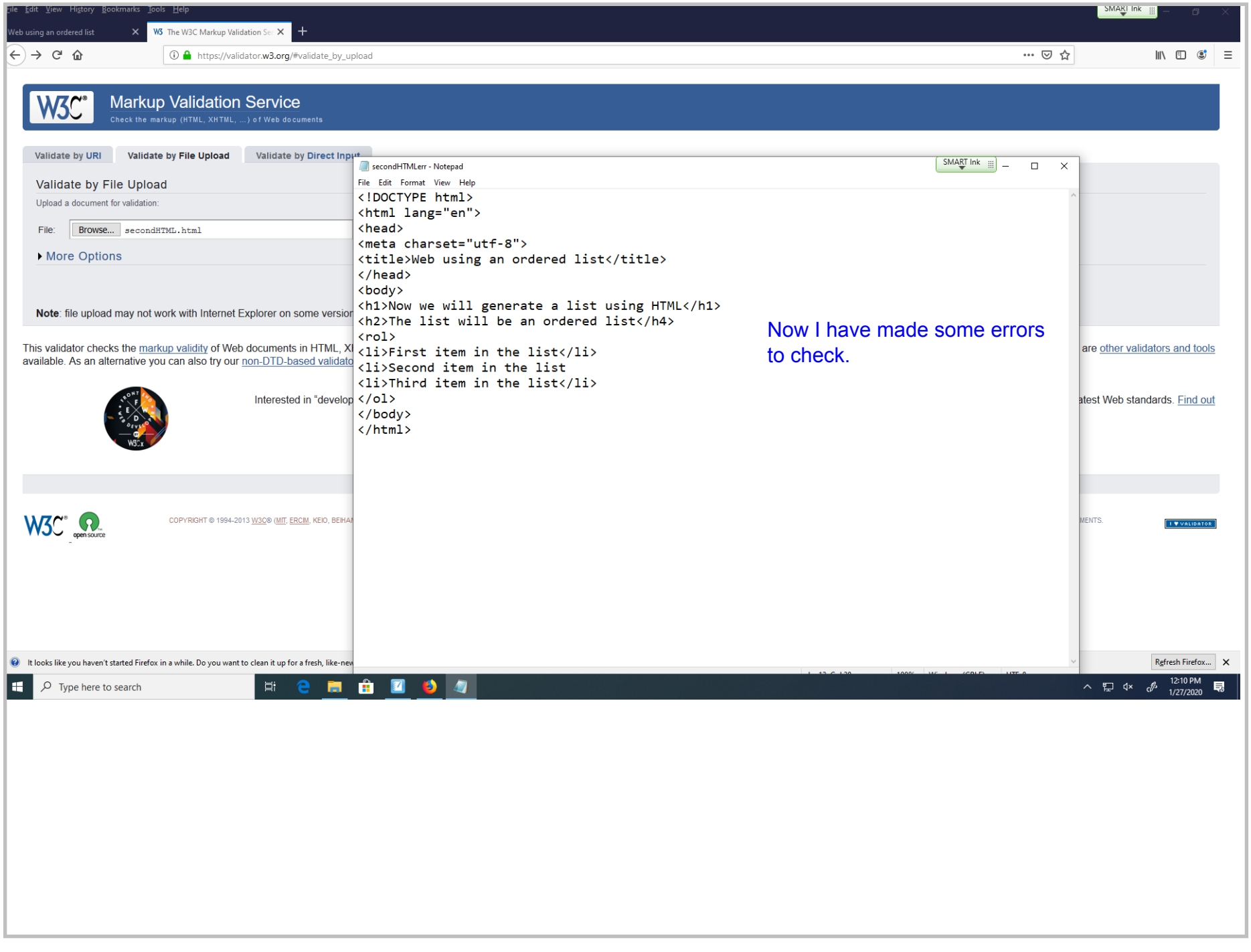

Untitled * - SMART Notebook
File Edit View Insert Format Tools Add-ons Help
File Edit View History Bookmarks Tools Help
SMART Ink
Web using paragraphs
http://www.pgrocer.net/Cis44/HTML5/beginning/webparaspace5.html
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/webparaspace5.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using paragraphs</title>
</head>
<body>
<h1>Now we will code some paragraphs</h1>
This is the first paragraph. Notice that XHTML and HTML do not wrap when I go down
to the next line. They wrap when they need to based on the screen.
Notice that I have now moved down to the next line. XHTML and HTML did not move to
the next line. Notice that I just left multiple spaces. These spaces were not
acknowledge by XHTML and HTML. Now I will end the paragrah and start a new one.
Notice that there is a line between paragraphs.   The
code shown introduces spaces into the line.
</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Auto-hide
Type here to search
12:03 PM
1/27/2020


File Edit View History Bookmarks Tools Help
Web using an ordered list
CIS122/44 Course Page
www.pgrocer.net/PFGCIS122.html
Internet Developer
CIS122/44
About This Course:
Need help or support?
Read Me First
Introduction to CIS122/44
Syllabus
Withdrawal Policy as of Fall 2017
Site Resources:
Notes and Handouts
HTML5:
HTML5 sample code
CSS sample code
CSS3 sample code
Javascript samples
Audio/Smartboard also under XHTML
Smartboard notes
Audio notes (usually accompany Smartboard)
XHTML:
XHTML sample code
CSS sample code
JavaScript
Presentations
Smartboard notes
Audio notes (usually accompany Smartboard)
HTML:
HTML sample code
Images sample code
CSS sample code
JavaScript
Presentations
Weekly Schedule:
Weekly schedule - CIS122/44
Links:
Information & Tutorials
Some useful books
The information at this site is in draft form and is the property of Priscilla Grocer. The information may not be duplicated or distributed without her permission. ©Copyright 2019
INTERNET DEVELOPER - CIS122/44
Weekly Schedule
Remember RE-SUBMIT. If you get back a homework with errors and without a grade it means it has not been graded - you need to fix and resubmit to get a grade. Remember, all assignments including inclass assignments must be done by everyone - that includes online students and students who missed the class..
Remember that the Smartboard notes I take in class and the audio I record are avalable under Smartboard notes and Audio notes under HTML5.
To use WinSCP with our server the host is cisweb.bristolcc.edu and the port is 220
Week
Information
Schedule Session
Assignments due in the week after the assignment is given unless otherwise stated.
Note that the audio and Smartboard presentations for each class are posted within a couple of days.
I may add some things during the week, so double check the schedule each week!
Inclass exercises are still assignments and must be done by everyone if they appear under assignments.
Please keep copies of all work you submit until you receive your final grade at the end of the semester. Remember that I record all my classes and capture notes on the Smartboard. These are available to you under Audio and Smartboard.
HELP schedule
Check back the first or second week of classes.
Week #2
Week of January 27th
This semester we will cover HTML5, CSS and Javascript/JavaScript. We will start to add CSS3 features to our CSS and then we will look at adding the power of JavaScript (including DOM)to our web pages.
Just to be sure you are comfortable with the various ways of searching the web, I would like you to look at the information at this site.
Searching effectively
Search ideas
Search Engine Watch
Beginners Guide to SEO
Please browse my website and become familiar with what is there.
Here are the HTML examples we will look at for the next few weeks
Since we will be looking at both HTML5 and a little bit at XHTML, I am giving you a basic example of of both styles:
Code for a basic example of HTML5 Note that a lot of pages are now including the language in the html tag. So they would write <html lang="en">
Code for a basic example of XHTML
I want you to look at HTML5 sample code and then go to the examples under HTML5 - intro. Because I do the Smartboard, I have stopped doing the presentations and focused on the Smartboard explanations.
We will also look at validation in HTML5. The validator is located at W3. If you validate by File Upload and browse to find your file and then click on check, the validator will give you feedback.
Validator
Click on validator to check your code.
Assignments to turn in:
Please browse my website and become familiar with what is there.
Survey of past experience - must be completed by all students
First Assignment using HTML5
Second Assignment using HTML5 and CSS: Take the page you created and sent me and add some CSS to it. The CSS should be in the head and in the tags. Try at least five different things. Resend with the CSS.
Week #1
Week of January 20th
Your first class will be on Monday, September 20th. There is no required book for this course, but you might find it helpful to look up some resources and tutorials on HTML5 and CSS as well as JavaScript (later in the course) because we will start to look at using HTML in its various versions when we start the course. Please do not change any of the
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:05 PM
1/27/2020

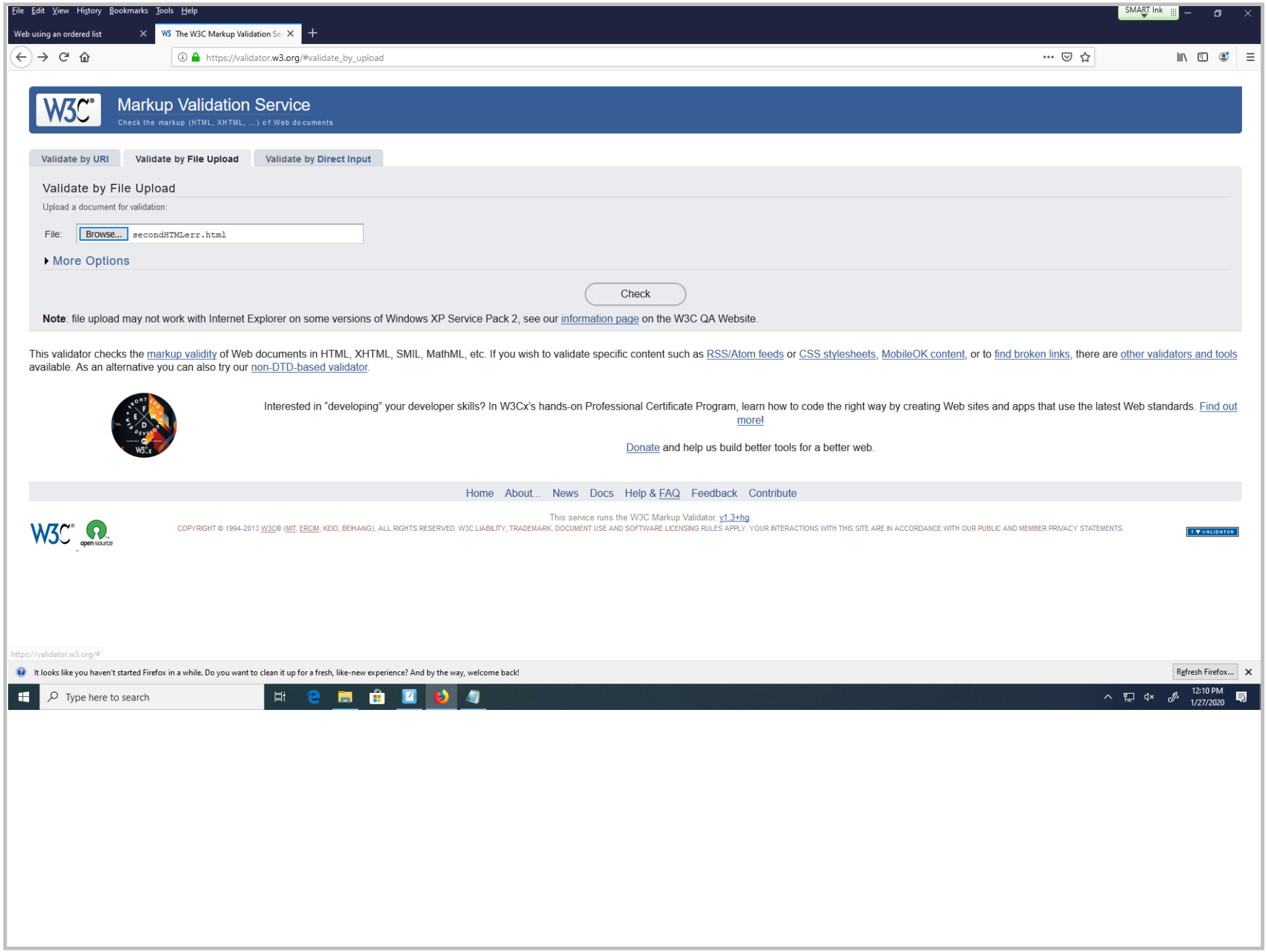

Nu Html Checker
This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change
Showing results for http://www.pgrocer.net/Cis44/HTML5/beginning/webordlist5.html
Checker Input
Show source outline image report Options...
Check by address
http://www.pgrocer.net/Cis44/HTML5/beginning/webordlist5.html
Check
Document checking completed. No errors or warnings to show.
Used the HTML parser.
Total execution time 102 milliseconds.
About this checker • Report an issue • Version: 20.1.25
On this one I pasted in the URI address in the first page of the validator (not shown) and then validated with no errors.
On the next example, I browse to find the page on my drive.

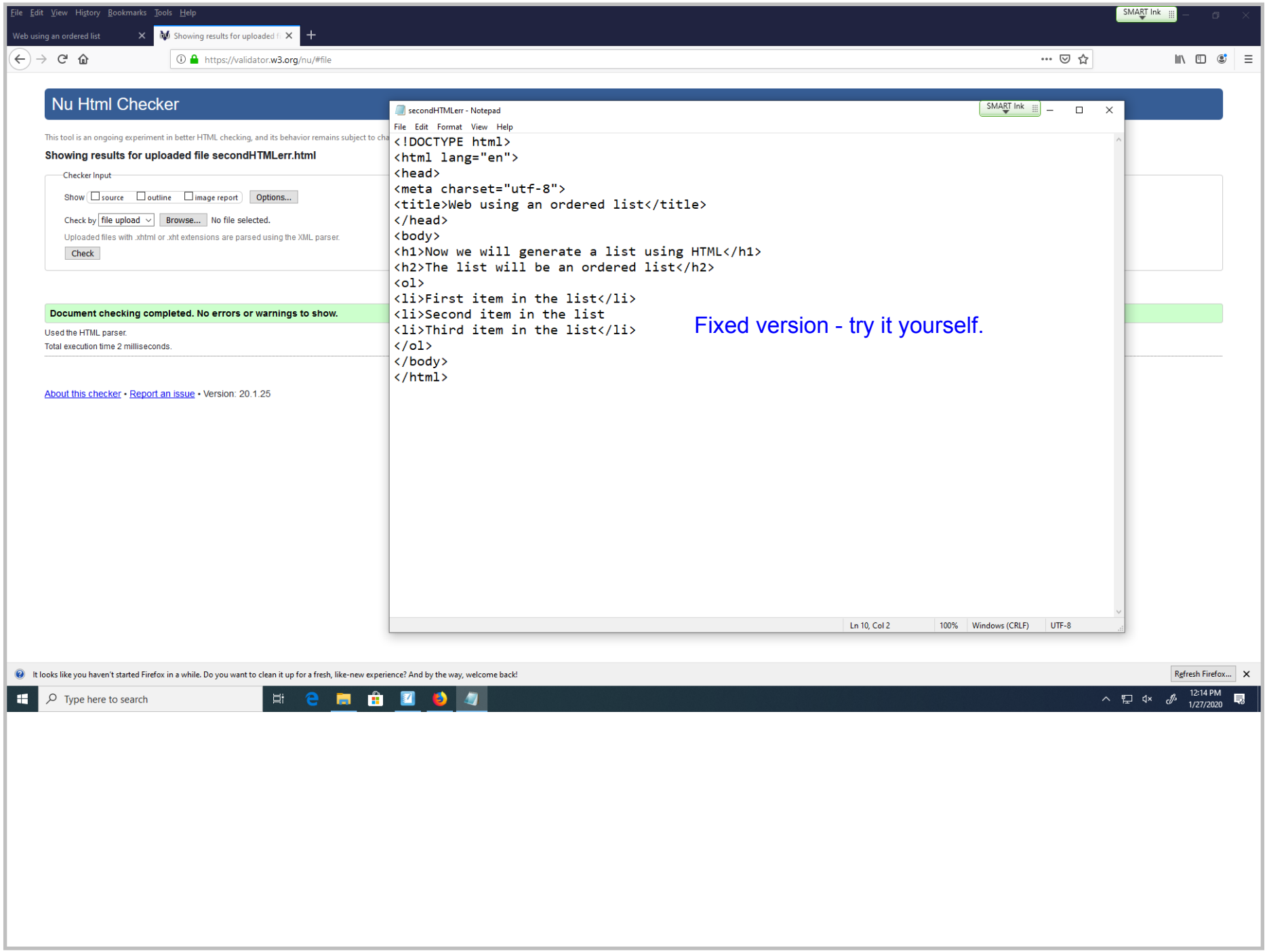

Web using an ordered list
The W3C Markup Validation Se
https://validator.w3.org/#validate_by_upload
Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents
Validate by URI
Validate by File Upload
Validate by Direct Input
Validate by File Upload
Upload a document for validation:
File:
Browse...
secondHTML.html
More Options
Check
Note: file upload may not work with Internet Explorer on some versions of Windows XP Service Pack 2, see our information page on the W3C QA Website.
On the last one I used URI and pasted in the web address.
On this one I use File upload and browse for the file on my drive.
This validator checks the markup validity of Web documents in HTML, XHTML, SMIL, MathML, etc. If you wish to validate specific content such as RSS/Atom feeds or CSS stylesheets, MobileOK content, or to find broken links, there are other validators and tools available. As an alternative you can also try our non-DTD-based validator.
I ♥ VALIDATOR
The W3C validators rely on community support for hosting and development.
Donate and help us build better tools for a better web.
Home About... News Docs Help & FAQ Feedback Contribute
This service runs the W3C Markup Validator, v1.3+hg.
COPYRIGHT © 1994-2013 W3C® (MIT, ERCIM, KEIO, BEIHANG), ALL RIGHTS RESERVED. W3C LIABILITY, TRADEMARK, DOCUMENT USE AND SOFTWARE LICENSING RULES APPLY. YOUR INTERACTIONS WITH THIS SITE ARE IN ACCORDANCE WITH OUR PUBLIC AND MEMBER PRIVACY STATEMENTS.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:08 PM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
Web using an ordered list
The W3C Markup Validation Se
https://validator.w3.org/#validate_by_upload
Nu Html Checker
This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change
Showing results for uploaded file secondHTML.html
Checker Input
Show source outline image report Options...
Check by file upload Browse... No file selected.
Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.
Check
Document checking completed. No errors or warnings to show.
Used the HTML parser.
Total execution time 2 milliseconds.
About this checker • Report an issue • Version: 20.1.25
Read validator.w3.org
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:08 PM
1/27/2020


Web using an ordered list
The W3C Markup Validation Se
https://validator.w3.org/#validate_by_upload
Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents
Validate by URI
Validate by File Upload
Validate by Direct Input
Validate by File Upload
Upload a document for validation:
File:
Browse...
secondHTML.html
More Options
Note: file upload may not work with Internet Explorer on some version
This validator checks the markup validity of Web documents in HTML, XI
available. As an alternative you can also try our non-DTD-based validato
are other validators and tools
Interested in "develop
atest Web standards. Find out
COPYRIGHT © 1994-2013 W3C® (MIT, ERCIM, KEIO, BEIHA
MENTS.
secondHTMLerr - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using an ordered list</title>
</head>
<body>
<h1>Now we will generate a list using HTML</h1>
<h2>The list will be an ordered list</h4>
<rol>
First item in the list
Second item in the list
Third item in the list

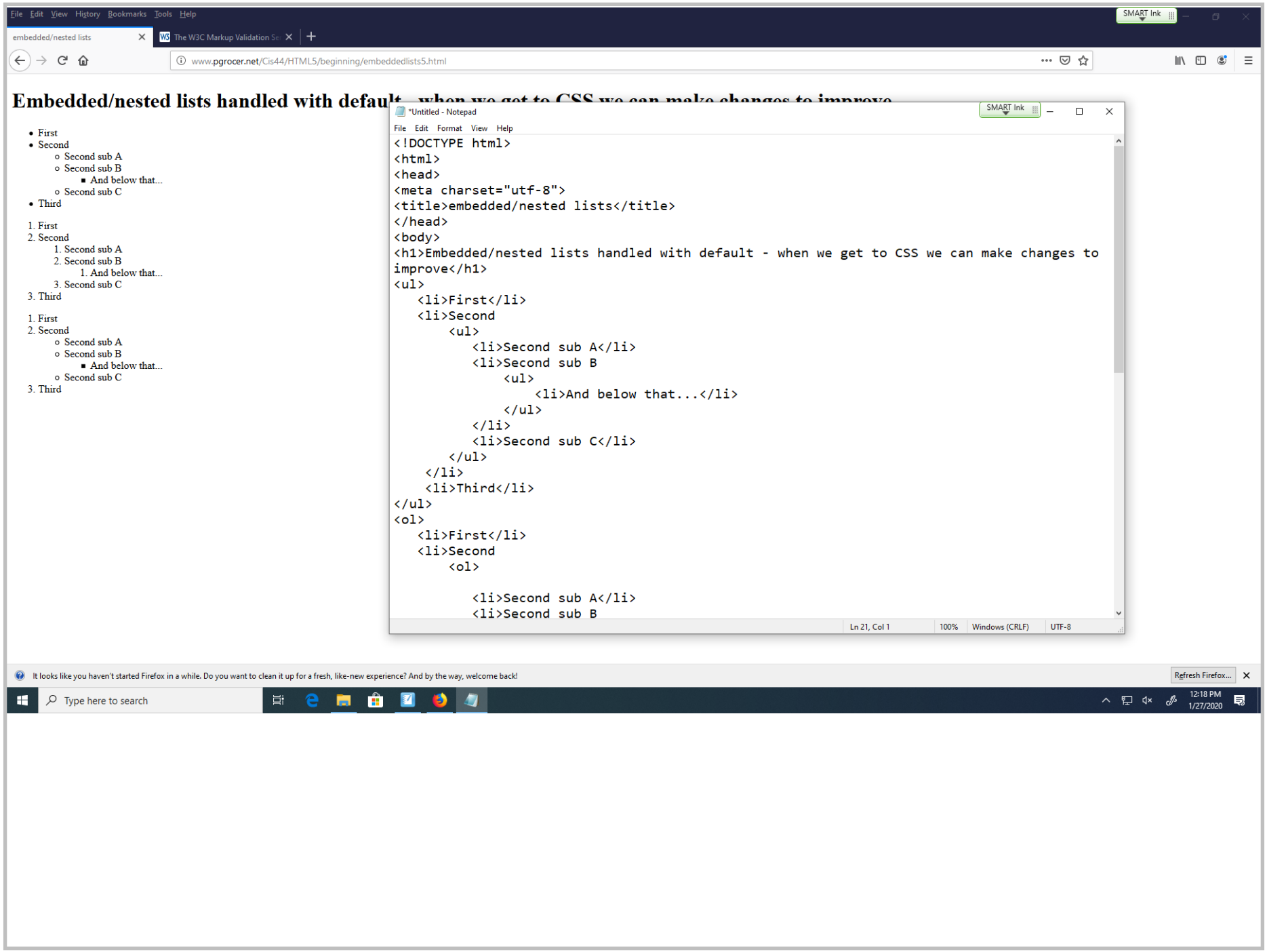
</body>
</html>
Now I have made some errors to check.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new
Refresh Firefox...
Type here to search
12:10 PM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
Web using an ordered list
The W3C Markup Validation Se
https://validator.w3.org/#validate_by_upload
Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents
Validate by URI
Validate by File Upload
Validate by Direct Input
Validate by File Upload
Upload a document for validation:
File:
Browse...
secondHTMLerr.html
More Options
Check
Note: file upload may not work with Internet Explorer on some versions of Windows XP Service Pack 2, see our information page on the W3C QA Website.
This validator checks the markup validity of Web documents in HTML, XHTML, SMIL, MathML, etc. If you wish to validate specific content such as RSS/Atom feeds or CSS stylesheets, MobileOK content, or to find broken links, there are other validators and tools available. As an alternative you can also try our non-DTD-based validator.
Interested in "developing" your developer skills? In W3Cx's hands-on Professional Certificate Program, learn how to code the right way by creating Web sites and apps that use the latest Web standards. Find out more!
Donate and help us build better tools for a better web.
Home About... News Docs Help & FAQ Feedback Contribute
This service runs the W3C Markup Validator, v1.3+hg.
COPYRIGHT © 1994-2013 W3C® (MIT, ERCIM, KEIO, BEIHANG), ALL RIGHTS RESERVED. W3C LIABILITY, TRADEMARK, DOCUMENT USE AND SOFTWARE LICENSING RULES APPLY. YOUR INTERACTIONS WITH THIS SITE ARE IN ACCORDANCE WITH OUR PUBLIC AND MEMBER PRIVACY STATEMENTS.
https://validator.w3.org/#
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:10 PM
1/27/2020


Nu Html Checker
Showing results for uploaded file secondHTMLerr.html
Document checking completed. No errors or warnings to show.
secondHTMLerr - Notepad
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using an ordered list</title>
</head>
<body>
<h1>Now we will generate a list using HTML</h1>
<h2>The list will be an ordered list</h2>

First item in the list
Second item in the list
Third item in the list

</body>
</html>
Fixed version - try it yourself.


File Edit View History Bookmarks Tools Help
SMART Ink
embedded/nested lists
The W3C Markup Validation Se
www.pgrocer.net/Cis44/HTML5/beginning/embeddedlists5.html
Embedded/nested lists handled with default - when we get to CSS we can make changes to improve
First
Second
Second sub A
Second sub B
And below that...
Second sub C
Third
1. First
2. Second
1. Second sub A
2. Second sub B
1. And below that...
3. Second sub C
3. Third
1. First
2. Second
Second sub A
Second sub B
And below that...
Second sub C
3. Third
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>embedded/nested lists</title>
</head>
<body>
<h1>Embedded/nested lists handled with default - when we get to CSS we can make changes to improve</h1>

First
Second

Second sub A
Second sub B

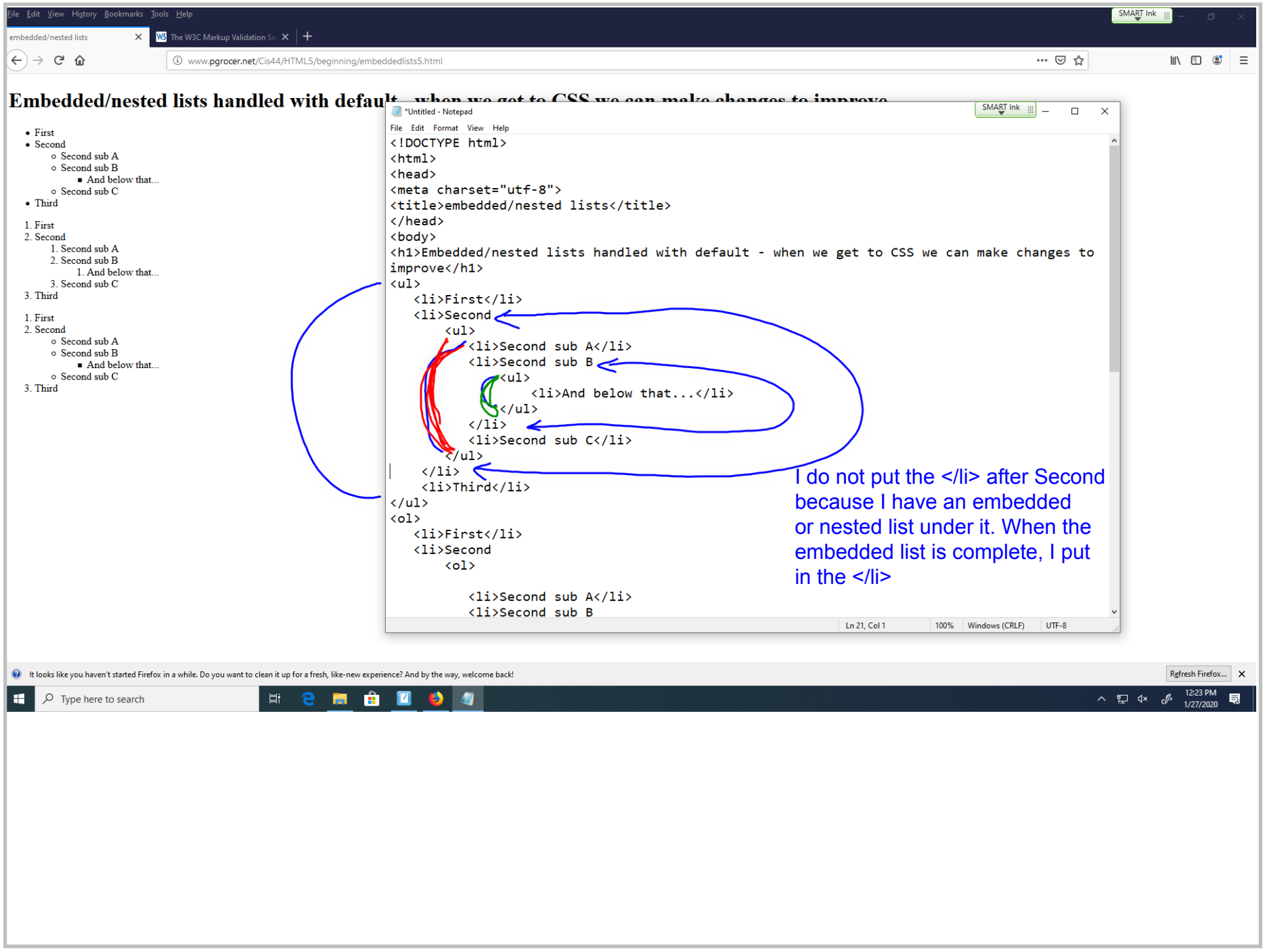
And below that...

Second sub C

Third

First
Second

Second sub A
Second sub B
Ln 21, Col 1
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:18 PM
1/27/2020


embedded/nested lists
The W3C Markup Validation Se
www.pgrocer.net/Cis44/HTML5/beginning/embeddedlists5.html
Embedded/nested lists handled with default - when we get to CSS we can make changes to improve
First
Second
Second sub A
Second sub B
And below that...
Second sub C
Third
1. First
2. Second
1. Second sub A
2. Second sub B
1. And below that...
3. Second sub C
3. Third
1. First
2. Second
Second sub A
Second sub B
And below that...
Second sub C
3. Third
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>embedded/nested lists</title>
</head>
<body>
<h1>Embedded/nested lists handled with default - when we get to CSS we can make changes to improve</h1>

First
Second

Second sub A
Second sub B

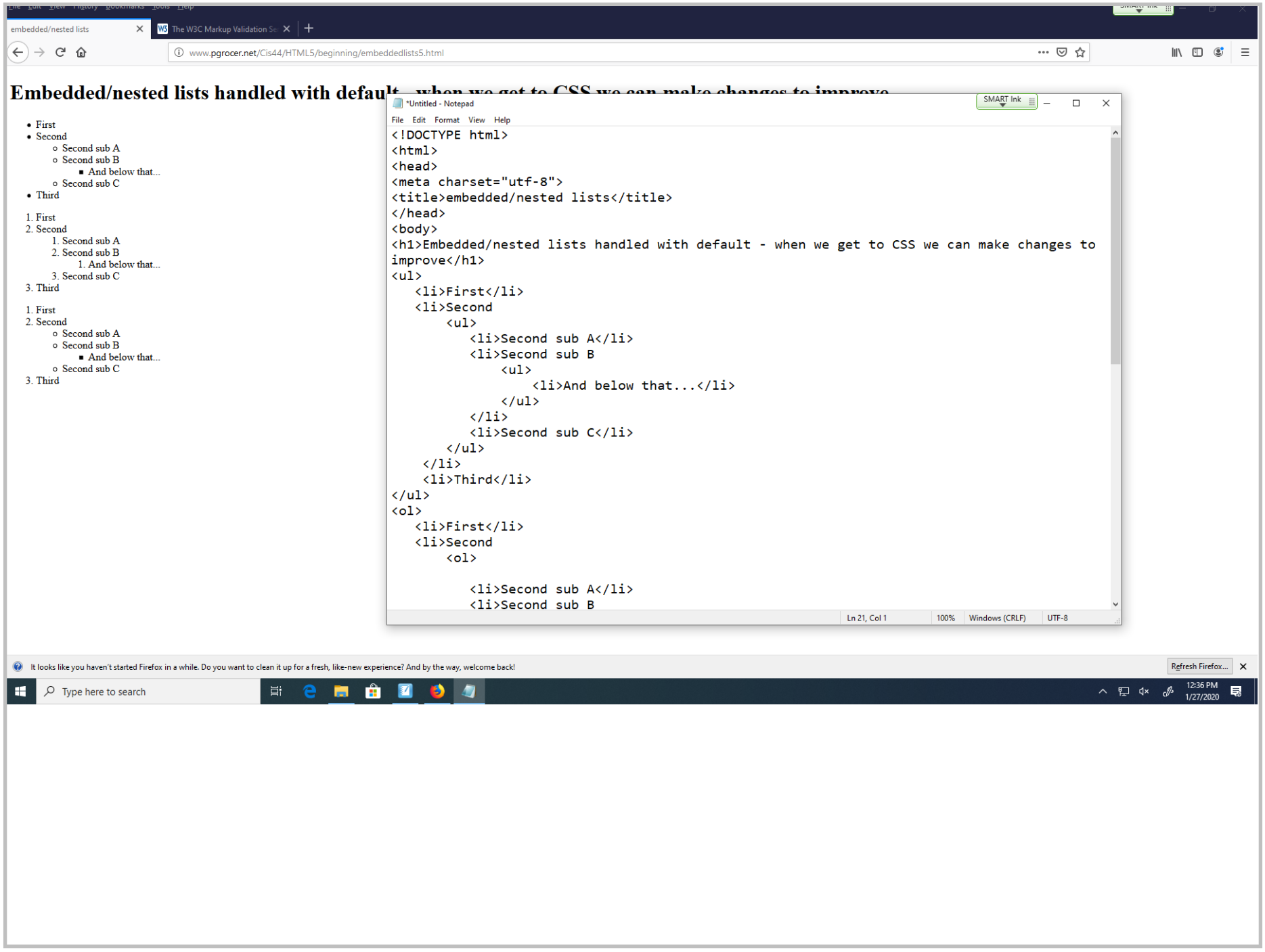
And below that...

Second sub C

Third

First
Second

Second sub A
Second sub B
Ln 21, Col 1
100%
Windows (CRLF)
UTF-8
I do not put the after Second because I have an embedded or nested list under it. When the embedded list is complete, I put in the
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:23 PM
1/27/2020


embedded/nested lists
The W3C Markup Validation Se
www.pgrocer.net/Cis44/HTML5/beginning/embeddedlists5.html
Embedded/nested lists handled with default - when we get to CSS we can make changes to improve
First
Second
Second sub A
Second sub B
And below that...
Second sub C
Third
1. First
2. Second
1. Second sub A
2. Second sub B
1. And below that...
3. Second sub C
3. Third
1. First
2. Second
Second sub A
Second sub B
And below that...
Second sub C
3. Third
*Untitled - Notepad
SMART Ink
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>embedded/nested lists</title>
</head>
<body>
<h1>Embedded/nested lists handled with default - when we get to CSS we can make changes to improve</h1>

First
Second

Second sub A
Second sub B

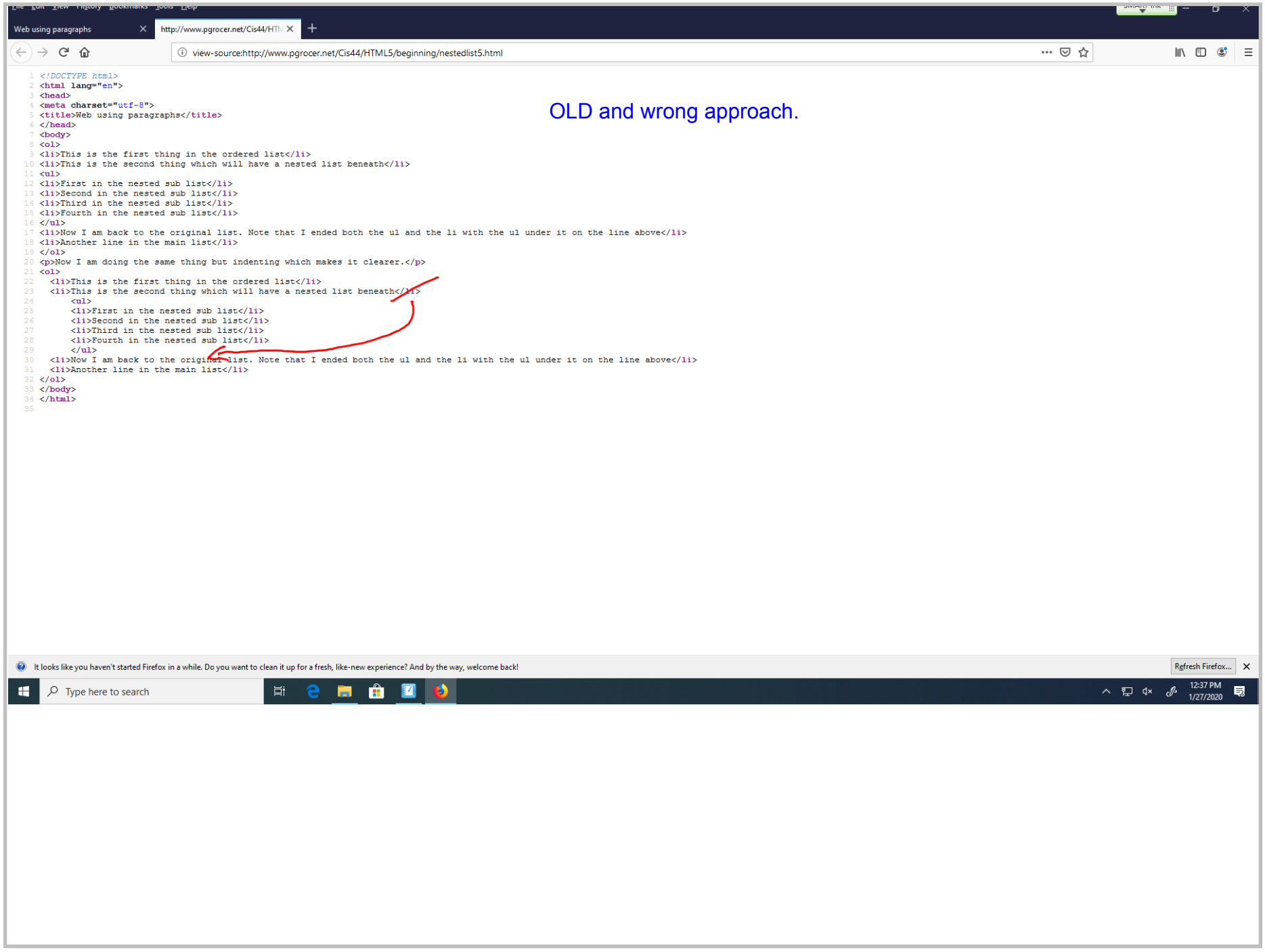
And below that...

Second sub C

Third

First
Second

Second sub A
Second sub B
Ln 21, Col 1
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:36 PM
1/27/2020


Web using paragraphs
http://www.pgrocer.net/Cis44/HTM
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/nestedlist5.html
OLD and wrong approach.
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using paragraphs</title>
</head>
<body>

This is the first thing in the ordered list
This is the second thing which will have a nested list beneath

First in the nested sub list
Second in the nested sub list
Third in the nested sub list
Fourth in the nested sub list

Now I am back to the original list. Note that I ended both the ul and the li with the ul under it on the line above
Another line in the main list

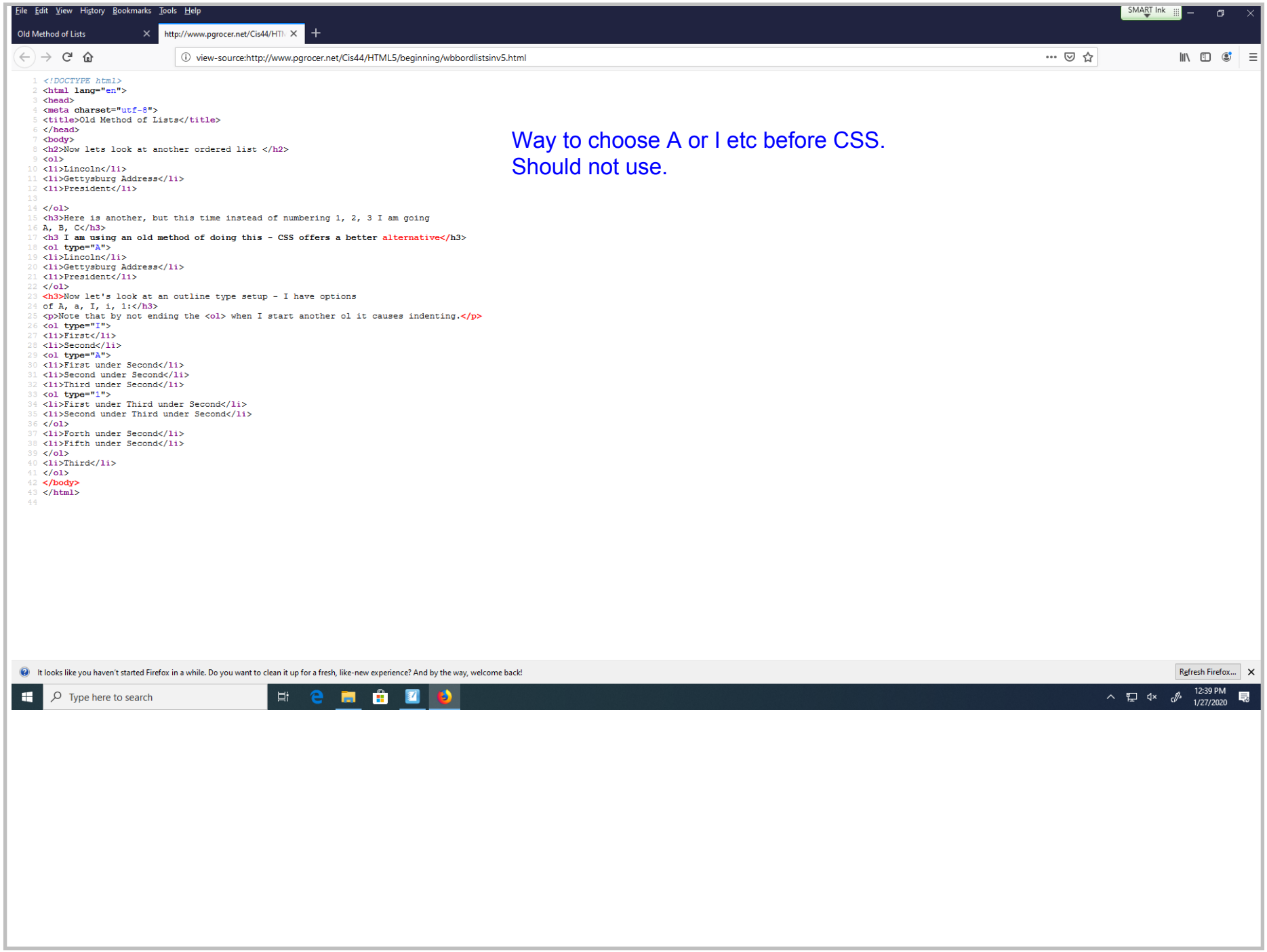
Now I am doing the same thing but indenting which makes it clearer.

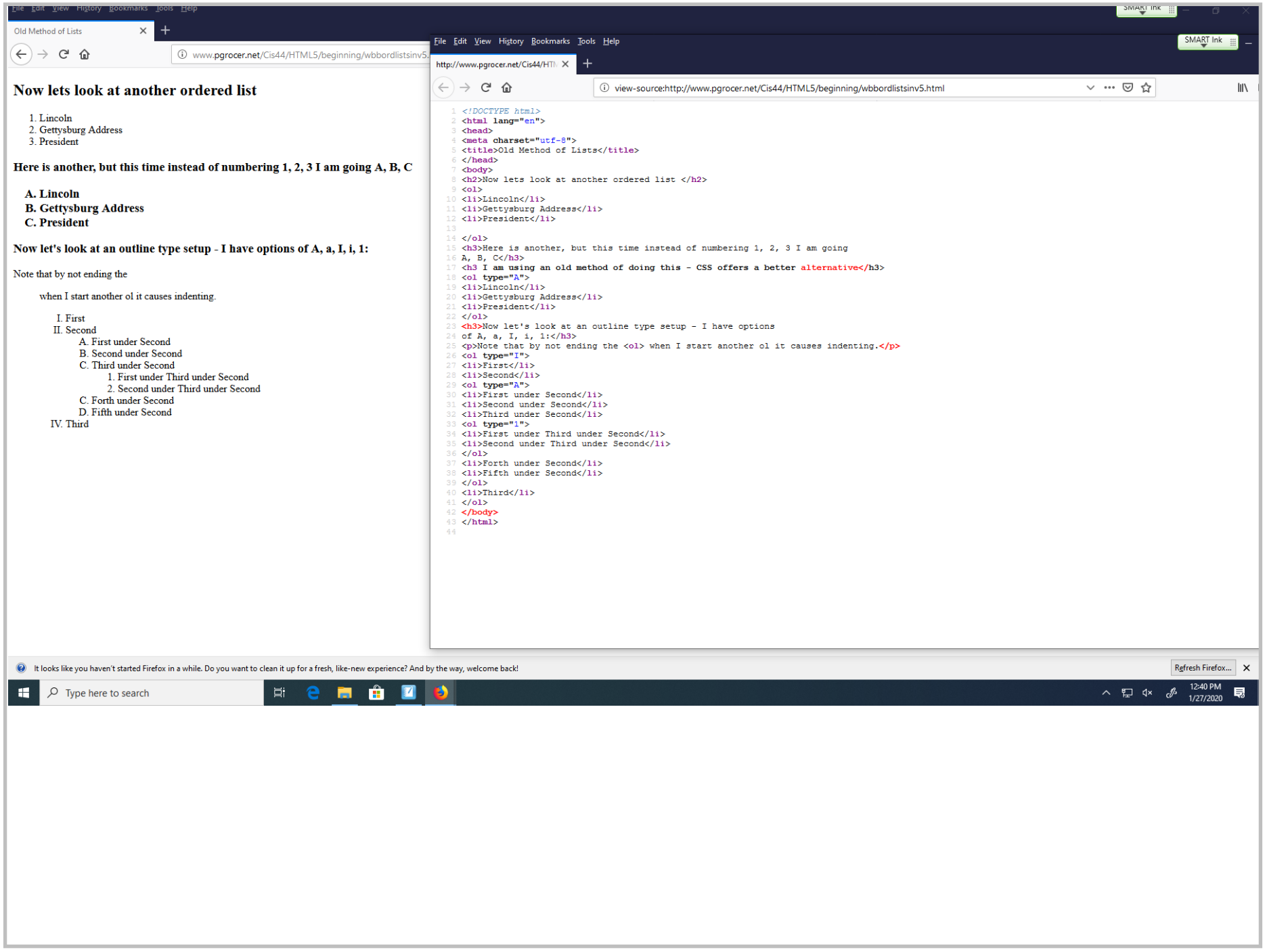
This is the first thing in the ordered list
This is the second thing which will have a nested list beneath

First in the nested sub list
Second in the nested sub list
Third in the nested sub list
Fourth in the nested sub list

Now I am back to the original list. Note that I ended both the ul and the li with the ul under it on the line above
Another line in the main list

</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:37 PM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
Old Method of Lists
http://www.pgrocer.net/Cis44/HTM
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/wbbordlistsinv5.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8">
5 <title>Old Method of Lists</title>
6 </head>
7 <body>
8 <h2>Now lets look at another ordered list </h2>
9
10 Lincoln
11 Gettysburg Address
12 President
13
14
15 <h3>Here is another, but this time instead of numbering 1, 2, 3 I am going
16 A, B, C</h3>
17 <h3 I am using an old method of doing this - CSS offers a better alternative</h3>
18 <ol type="A">
19 Lincoln
20 Gettysburg Address
21 President
22
23 <h3>Now let's look at an outline type setup - I have options
24 of A, a, I, i, 1:</h3>
25 Note that by not ending the <ol> when I start another ol it causes indenting.
26 <ol type="I">
27 First
28 Second
29 <ol type="A">
30 First under Second
31 Second under Second
32 Third under Second
33 <ol type="1">
34 First under Third under Second
35 Second under Third under Second
36
37 Forth under Second
38 Fifth under Second
39
40 Third
41
42 </body>
43 </html>
44
Way to choose A or I etc before CSS.
Should not use.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:39 PM
1/27/2020


Old Method of Lists
www.pgrocer.net/Cis44/HTML5/beginning/wbbordlistsinv5.
Now lets look at another ordered list
1. Lincoln
2. Gettysburg Address
3. President
Here is another, but this time instead of numbering 1, 2, 3 I am going A, B, C
A. Lincoln
B. Gettysburg Address
C. President
Now let's look at an outline type setup - I have options of A, a, I, i, 1:
Note that by not ending the
when I start another ol it causes indenting.
I. First
II. Second
A. First under Second
B. Second under Second
C. Third under Second
1. First under Third under Second
2. Second under Third under Second
C. Forth under Second
D. Fifth under Second
IV. Third
File Edit View History Bookmarks Tools Help
SMART Ink
http://www.pgrocer.net/Cis44/HTI
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/wbbordlistsinv5.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Old Method of Lists</title>
</head>
<body>
<h2>Now lets look at another ordered list </h2>

Lincoln
Gettysburg Address
President

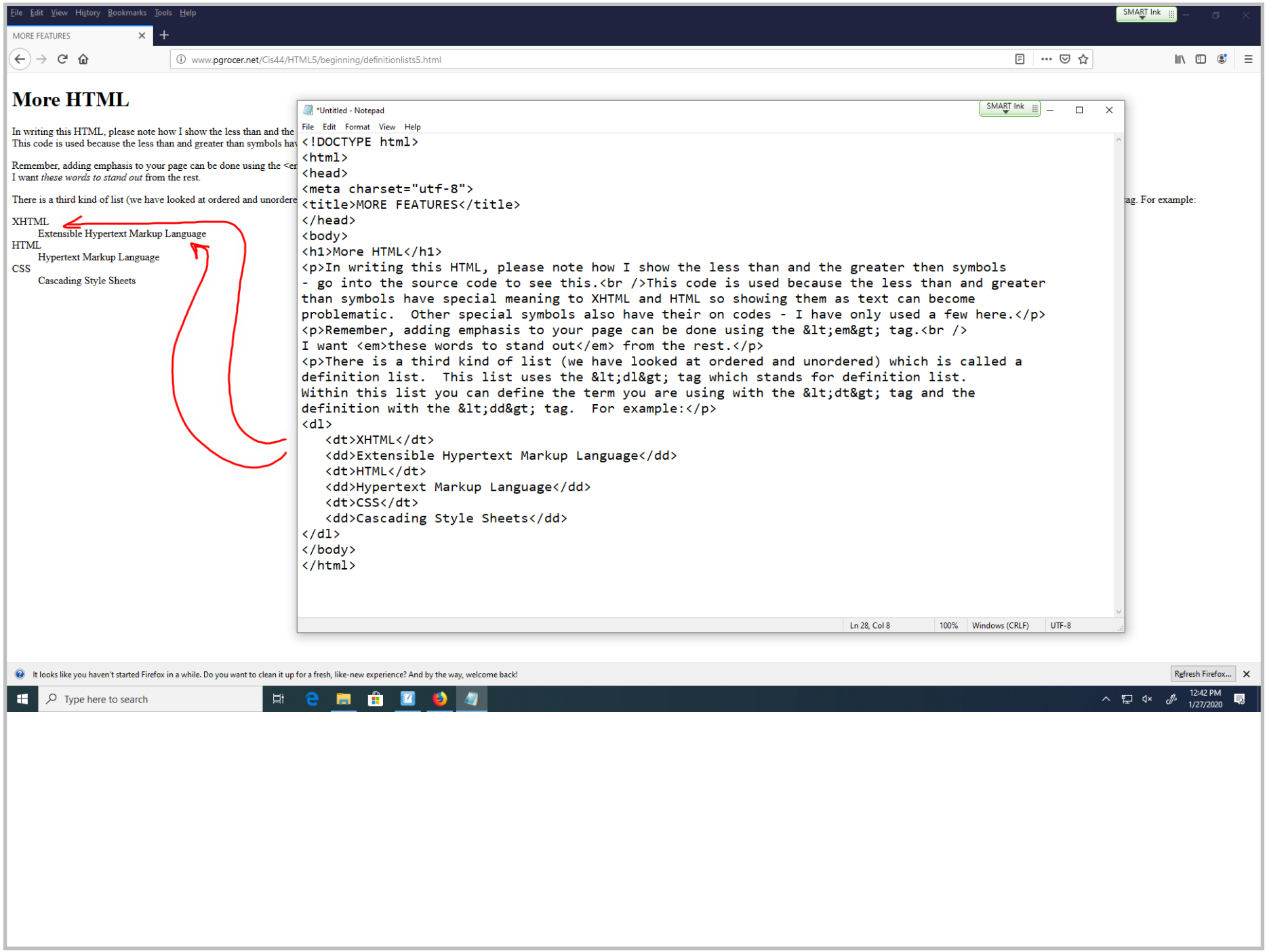
<h3>Here is another, but this time instead of numbering 1, 2, 3 I am going
A, B, C</h3>
<h3 I am using an old method of doing this - CSS offers a better alternative</h3>
<ol type="A">
Lincoln
Gettysburg Address
President

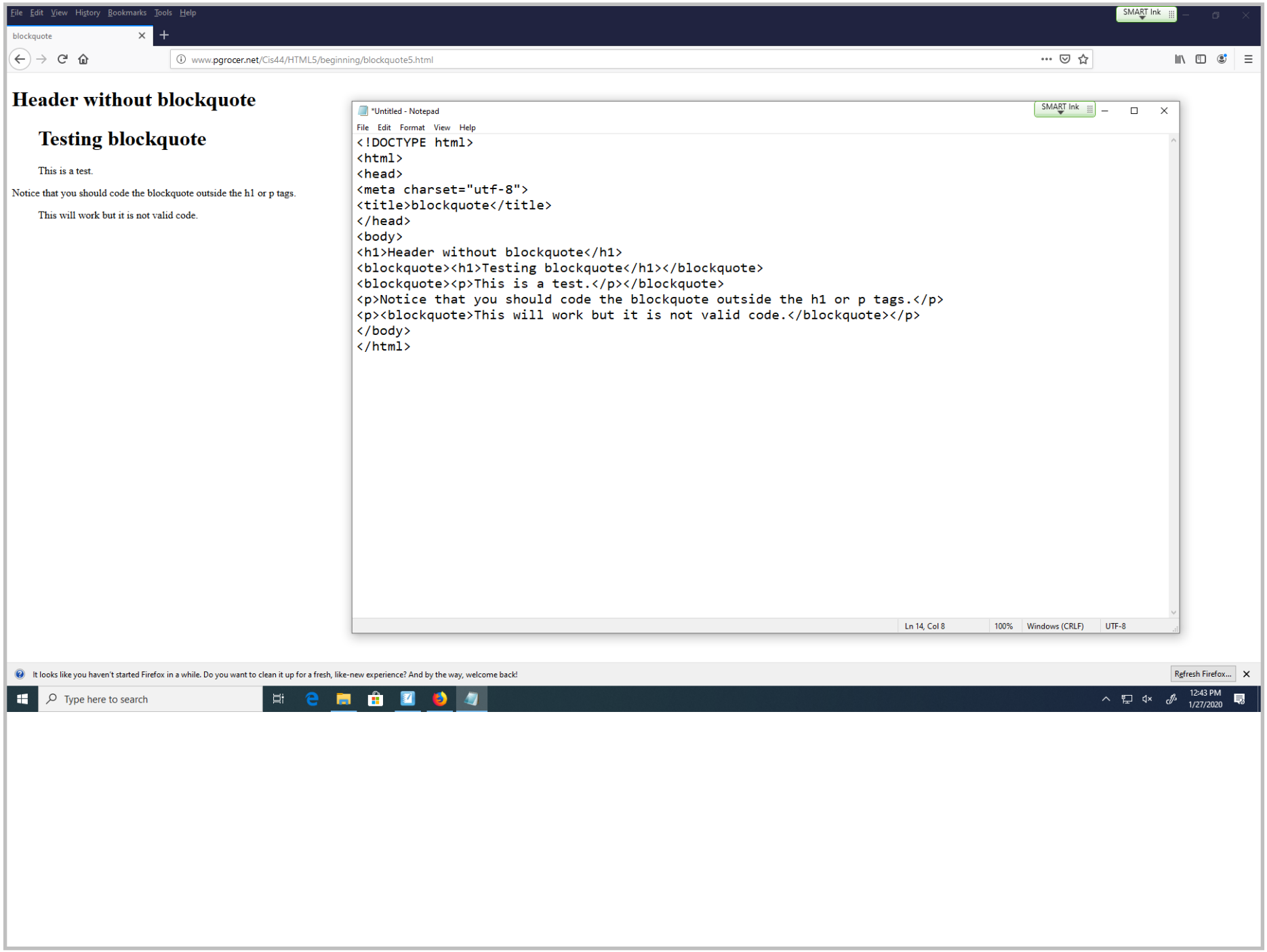
<h3>Now let's look at an outline type setup - I have options
of A, a, I, i, 1:</h3>
Note that by not ending the <ol> when I start another ol it causes indenting.
<ol type="I">
First
Second
<ol type="A">
First under Second
Second under Second
Third under Second
<ol type="1">
First under Third under Second
Second under Third under Second

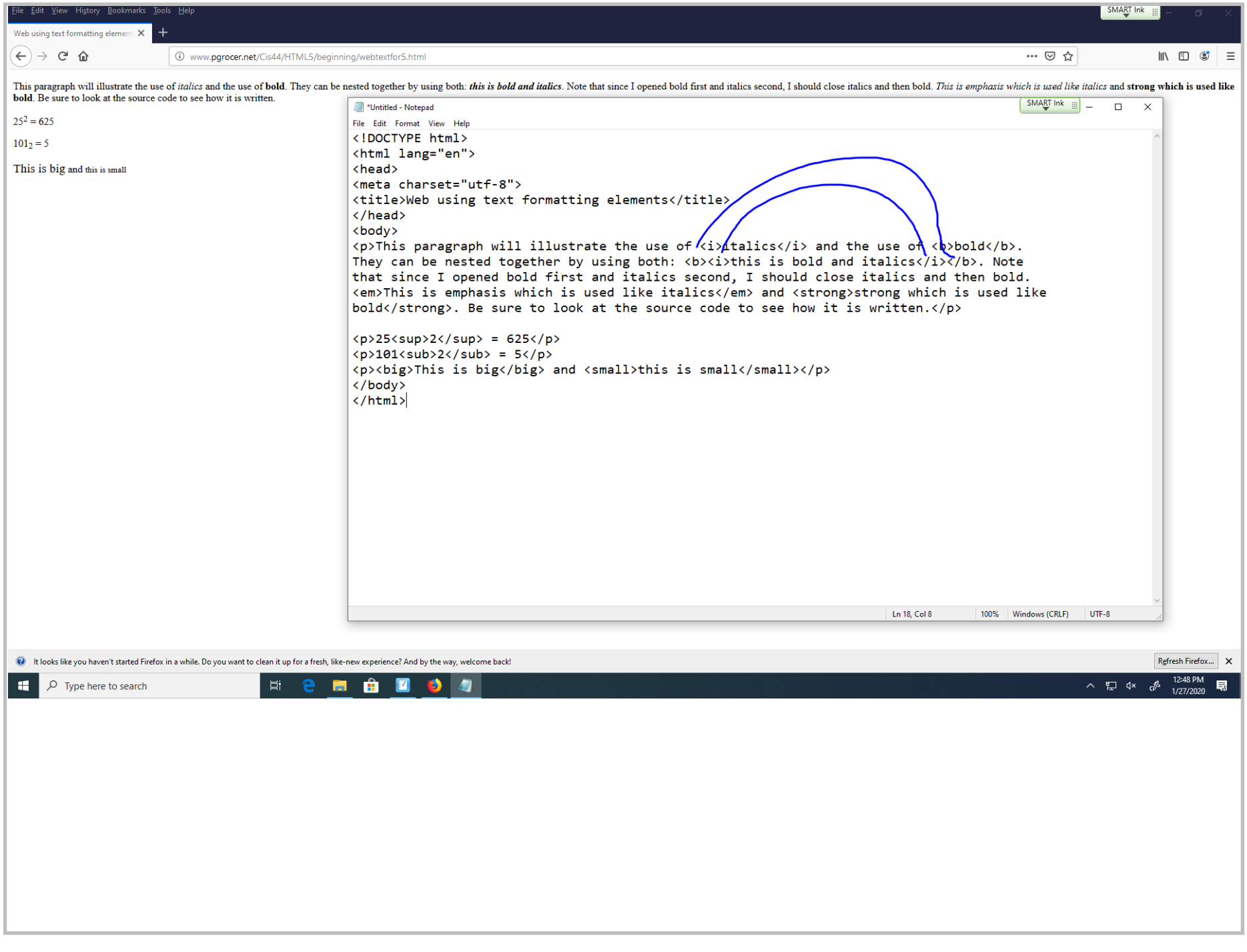
Forth under Second
Fifth under Second

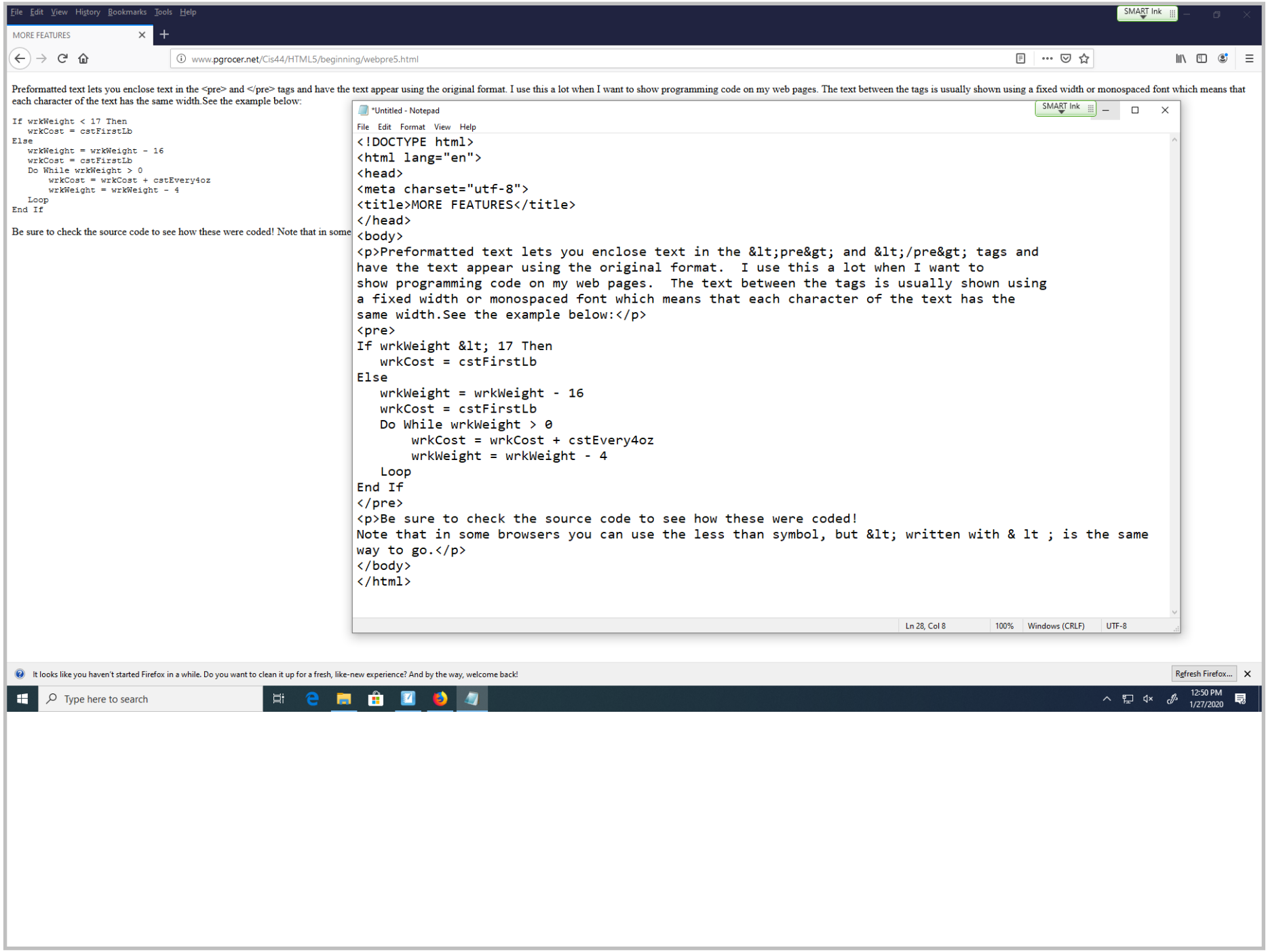
Third

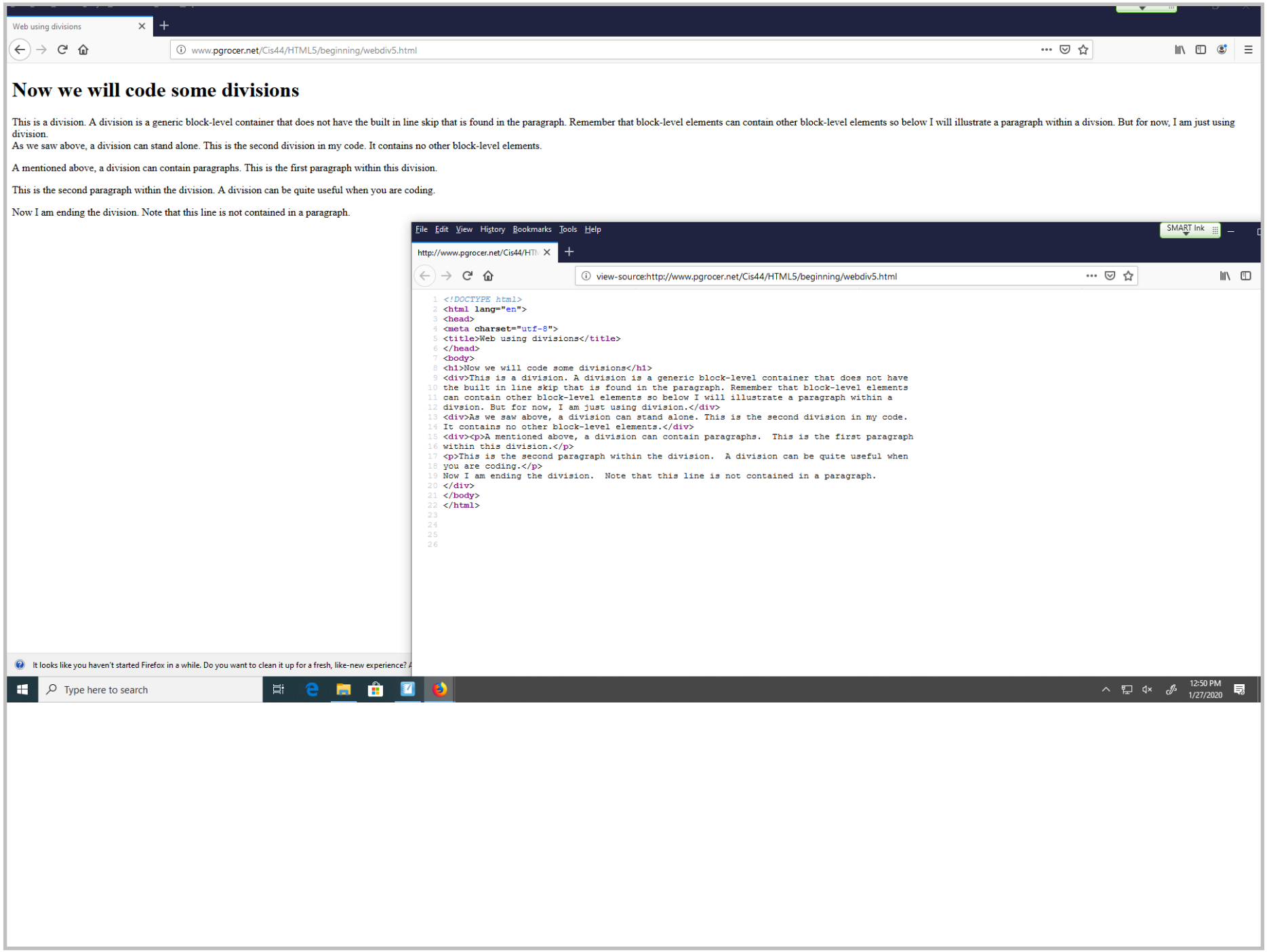
</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:40 PM
1/27/2020


MORE FEATURES
www.pgrocer.net/Cis44/HTML5/beginning/definitionlists5.html
More HTML
In writing this HTML, please note how I show the less than and the
This code is used because the less than and greater than symbols hav
Remember, adding emphasis to your page can be done using the <er
I want these words to stand out from the rest.
There is a third kind of list (we have looked at ordered and unordere
ag. For example:
XHTML
Extensible Hypertext Markup Language
HTML
Hypertext Markup Language
CSS
Cascading Style Sheets
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>MORE FEATURES</title>
</head>
<body>
<h1>More HTML</h1>
In writing this HTML, please note how I show the less than and the greater then symbols
- go into the source code to see this.
This code is used because the less than and greater
than symbols have special meaning to XHTML and HTML so showing them as text can become
problematic. Other special symbols also have their on codes - I have only used a few here.
Remember, adding emphasis to your page can be done using the <em> tag.
I want these words to stand out from the rest.
There is a third kind of list (we have looked at ordered and unordered) which is called a
definition list. This list uses the <dl> tag which stands for definition list.
Within this list you can define the term you are using with the <dt> tag and the
definition with the <dd> tag. For example:
<dl>
<dt>XHTML</dt>
<dd>Extensible Hypertext Markup Language</dd>
<dt>HTML</dt>
<dd>Hypertext Markup Language</dd>
<dt>CSS</dt>
<dd>Cascading Style Sheets</dd>
</dl>
</body>
</html>
Ln 28, Col 8
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:42 PM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
blockquote
www.pgrocer.net/Cis44/HTML5/beginning/blockquote5.html
Header without blockquote
Testing blockquote
This is a test.
Notice that you should code the blockquote outside the h1 or p tags.
This will work but it is not valid code.
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>blockquote</title>
</head>
<body>
<h1>Header without blockquote</h1>
<blockquote><h1>Testing blockquote</h1></blockquote>
<blockquote> This is a test. </blockquote>
Notice that you should code the blockquote outside the h1 or p tags.
<blockquote>This will work but it is not valid code.</blockquote>
</body>
</html>
Ln 14, Col 8
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:43 PM
1/27/2020


File Edit View History Bookmarks Tools Help
Web using text formatting element
www.pgrocer.net/Cis44/HTML5/beginning/webtextfor5.html
This paragraph will illustrate the use of italics and the use of bold. They can be nested together by using both: this is bold and italics. Note that since I opened bold first and italics second, I should close italics and then bold. This is emphasis which is used like italics and strong which is used like bold. Be sure to look at the source code to see how it is written.
$25^2 = 625$
$101_2 = 5$
This is big and this is small
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using text formatting elements</title>
</head>
<body>
This paragraph will illustrate the use of italics and the use of bold.
They can be nested together by using both: this is bold and italics. Note
that since I opened bold first and italics second, I should close italics and then bold.
This is emphasis which is used like italics and strong which is used like
bold. Be sure to look at the source code to see how it is written.
25² = 625
101₂ = 5
<big>This is big</big> and <small>this is small</small>
</body>
</html>
Ln 18, Col 8
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:48 PM
1/27/2020

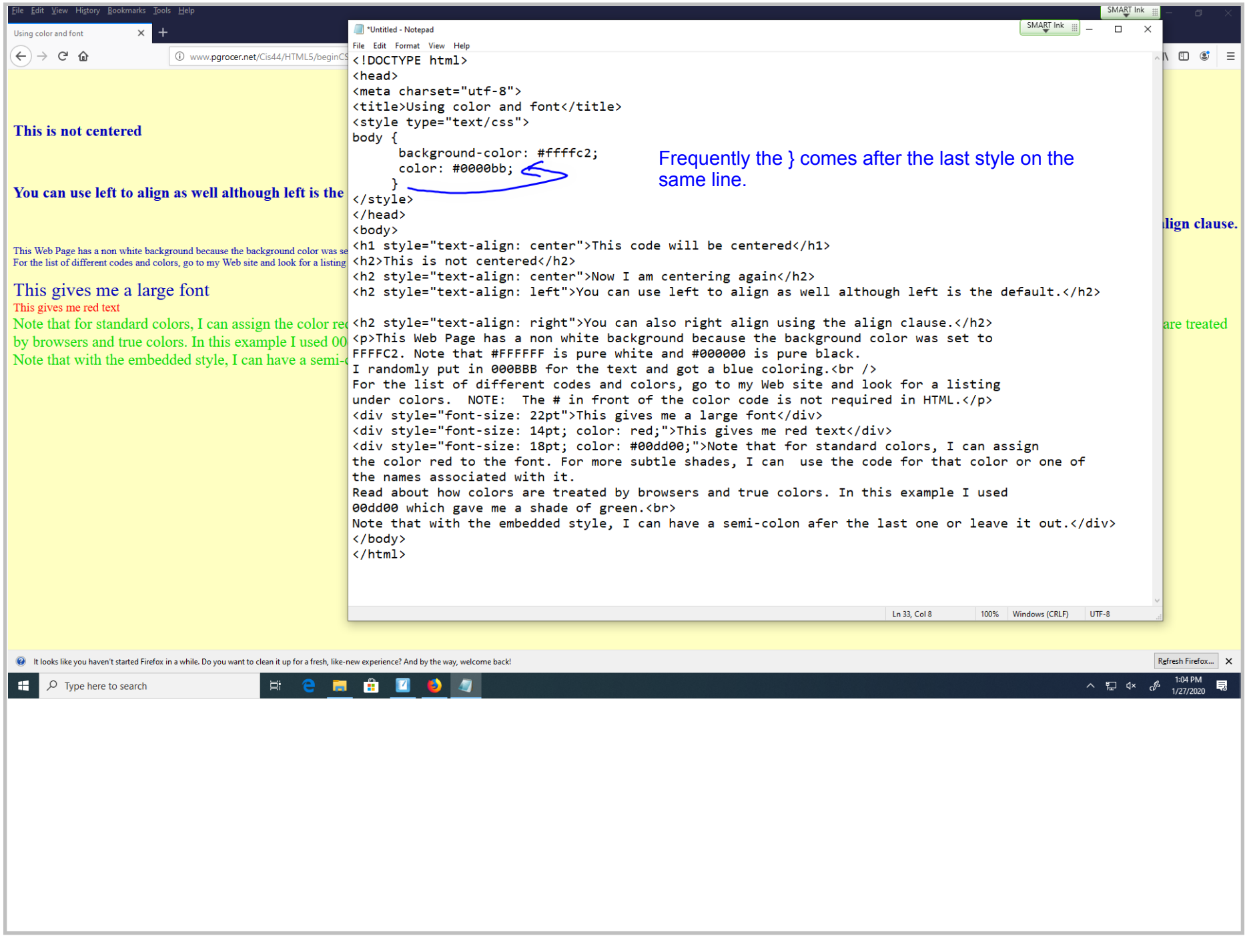

File Edit View History Bookmarks Tools Help
SMART Ink
MORE FEATURES
www.pgrocer.net/Cis44/HTML5/beginning/webpre5.html
Preformatted text lets you enclose text in the <pre> and </pre> tags and have the text appear using the original format. I use this a lot when I want to show programming code on my web pages. The text between the tags is usually shown using a fixed width or monospaced font which means that each character of the text has the same width.See the example below:
If wrkWeight < 17 Then
wrkCost = cstFirstLb
Else
wrkWeight = wrkWeight - 16
wrkCost = cstFirstLb
Do While wrkWeight > 0
wrkCost = wrkCost + cstEvery4oz
wrkWeight = wrkWeight - 4
Loop
End If
Be sure to check the source code to see how these were coded! Note that in some
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>MORE FEATURES</title>
</head>
<body>
Preformatted text lets you enclose text in the <pre> and </pre> tags and
have the text appear using the original format. I use this a lot when I want to
show programming code on my web pages. The text between the tags is usually shown using
a fixed width or monospaced font which means that each character of the text has the
same width.See the example below:
<pre>
If wrkWeight < 17 Then
wrkCost = cstFirstLb
Else
wrkWeight = wrkWeight - 16
wrkCost = cstFirstLb
Do While wrkWeight > 0
wrkCost = wrkCost + cstEvery4oz
wrkWeight = wrkWeight - 4
Loop
End If
</pre>
Be sure to check the source code to see how these were coded!
Note that in some browsers you can use the less than symbol, but < written with & lt ; is the same
way to go.
</body>
</html>
Ln 28, Col 8
100%
Windows (CRLF)
UTF-8
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
12:50 PM
1/27/2020

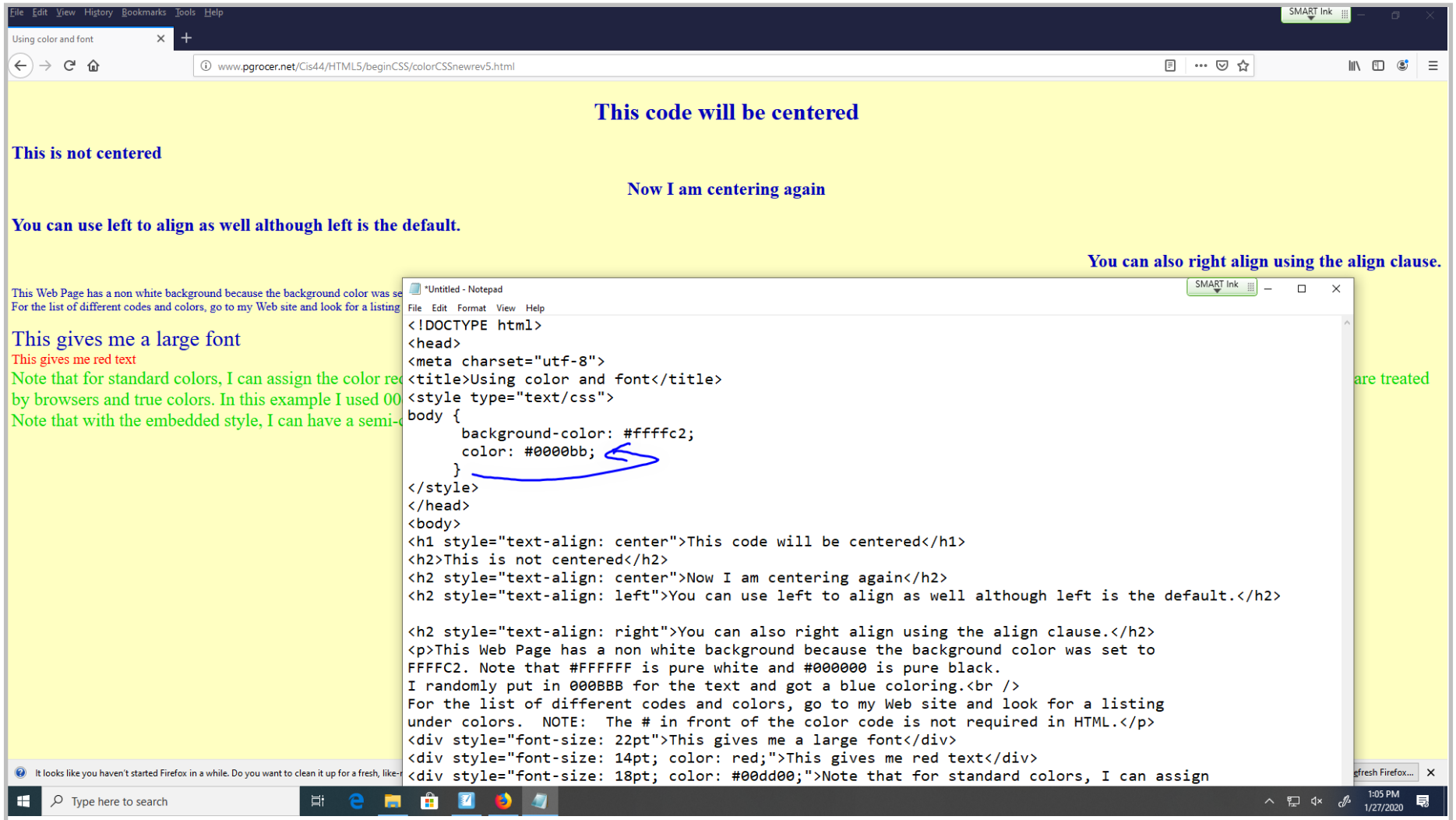

Web using divisions
www.pgrocer.net/Cis44/HTML5/beginning/webdiv5.html
Now we will code some divisions
This is a division. A division is a generic block-level container that does not have the built in line skip that is found in the paragraph. Remember that block-level elements can contain other block-level elements so below I will illustrate a paragraph within a divsion. But for now, I am just using division.
As we saw above, a division can stand alone. This is the second division in my code. It contains no other block-level elements.
A mentioned above, a division can contain paragraphs. This is the first paragraph within this division.
This is the second paragraph within the division. A division can be quite useful when you are coding.
Now I am ending the division. Note that this line is not contained in a paragraph.
File Edit View History Bookmarks Tools Help
SMART Ink
view-source:http://www.pgrocer.net/Cis44/HTML5/beginning/webdiv5.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Web using divisions</title>
</head>
<body>
<h1>Now we will code some divisions</h1>
This is a division. A division is a generic block-level container that does not have
the built in line skip that is found in the paragraph. Remember that block-level elements
can contain other block-level elements so below I will illustrate a paragraph within a
divsion. But for now, I am just using division.
As we saw above, a division can stand alone. This is the second division in my code.
It contains no other block-level elements.
A mentioned above, a division can contain paragraphs. This is the first paragraph
within this division.
This is the second paragraph within the division. A division can be quite useful when
you are coding.
Now I am ending the division. Note that this line is not contained in a paragraph.

</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience?
Type here to search
12:50 PM
1/27/2020

CSS

1) head style
2) in line code style (body)
3) Separate page / file


Using color and font
www.pgrocer.net/Cis44/HTML5/beginCS
This is not centered
You can use left to align as well although left is the
This Web Page has a non white background because the background color was se
For the list of different codes and colors, go to my Web site and look for a listing
This gives me a large font
This gives me red text
Note that for standard colors, I can assign the color re
by browsers and true colors. In this example I used 00
Note that with the embedded style, I can have a semi-
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
<head>
<meta charset="utf-8">
<title>Using color and font</title>
<style type="text/css">
body {
background-color: #ffffc2;
color: #0000bb;
}
</style>
</head>
<body>
<h1 style="text-align: center">This code will be centered</h1>
<h2>This is not centered</h2>
<h2 style="text-align: center">Now I am centering again</h2>
<h2 style="text-align: left">You can use left to align as well although left is the default.</h2>
<h2 style="text-align: right">You can also right align using the align clause.</h2>
This Web Page has a non white background because the background color was set to
FFFFC2. Note that #FFFFFF is pure white and #000000 is pure black.
I randomly put in 000BBB for the text and got a blue coloring.
For the list of different codes and colors, go to my Web site and look for a listing
under colors. NOTE: The # in front of the color code is not required in HTML.
This gives me a large font
This gives me red text
Note that for standard colors, I can assign
the color red to the font. For more subtle shades, I can use the code for that color or one of
the names associated with it.
Read about how colors are treated by browsers and true colors. In this example I used
00dd00 which gave me a shade of green.
Note that with the embedded style, I can have a semi-colon afer the last one or leave it out.
</body>
</html>
Ln 33, Col 8
100%
Windows (CRLF)
UTF-8
Frequently the } comes after the last style on the same line.
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
1:04 PM
1/27/2020


Using color and font
www.pgrocer.net/Cis44/HTML5/beginCSS/colorCSSnewrev5.html
This code will be centered
This is not centered
Now I am centering again
You can use left to align as well although left is the default.
You can also right align using the align clause.
This Web Page has a non white background because the background color was se
For the list of different codes and colors, go to my Web site and look for a listing
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Note that with the embedded style, I can have a semi-
are treated
*Untitled - Notepad
File Edit Format View Help
<!DOCTYPE html>
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<meta charset="utf-8">
<title>Using color and font</title>
<style type="text/css">
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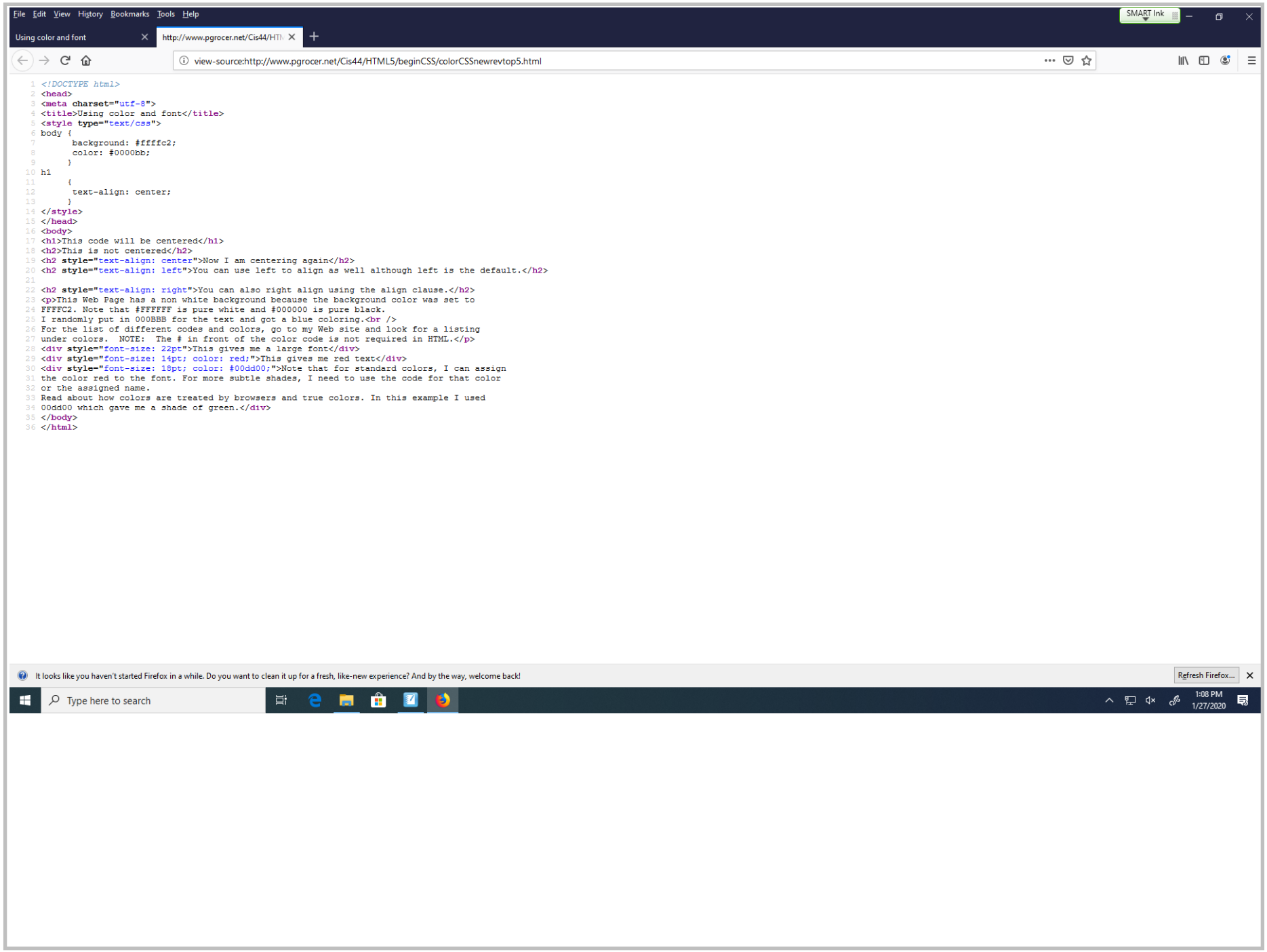
This gives me a large font
This gives me red text
Note that for standard colors, I can assign
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-
Type here to search
1:05 PM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
Using color and font
http://www.pgrocer.net/Cis44/HTM
view-source:http://www.pgrocer.net/Cis44/HTML5/beginCSS/colorCSSnewrevtop5.html
<!DOCTYPE html>
<head>
<meta charset="utf-8">
<title>Using color and font</title>
<style type="text/css">
body {
background: #ffffc2;
color: #0000bb;
}
h1
{
text-align: center;
}
</style>
</head>
<body>
<h1>This code will be centered</h1>
<h2>This is not centered</h2>
<h2 style="text-align: center">Now I am centering again</h2>
<h2 style="text-align: left">You can use left to align as well although left is the default.</h2>
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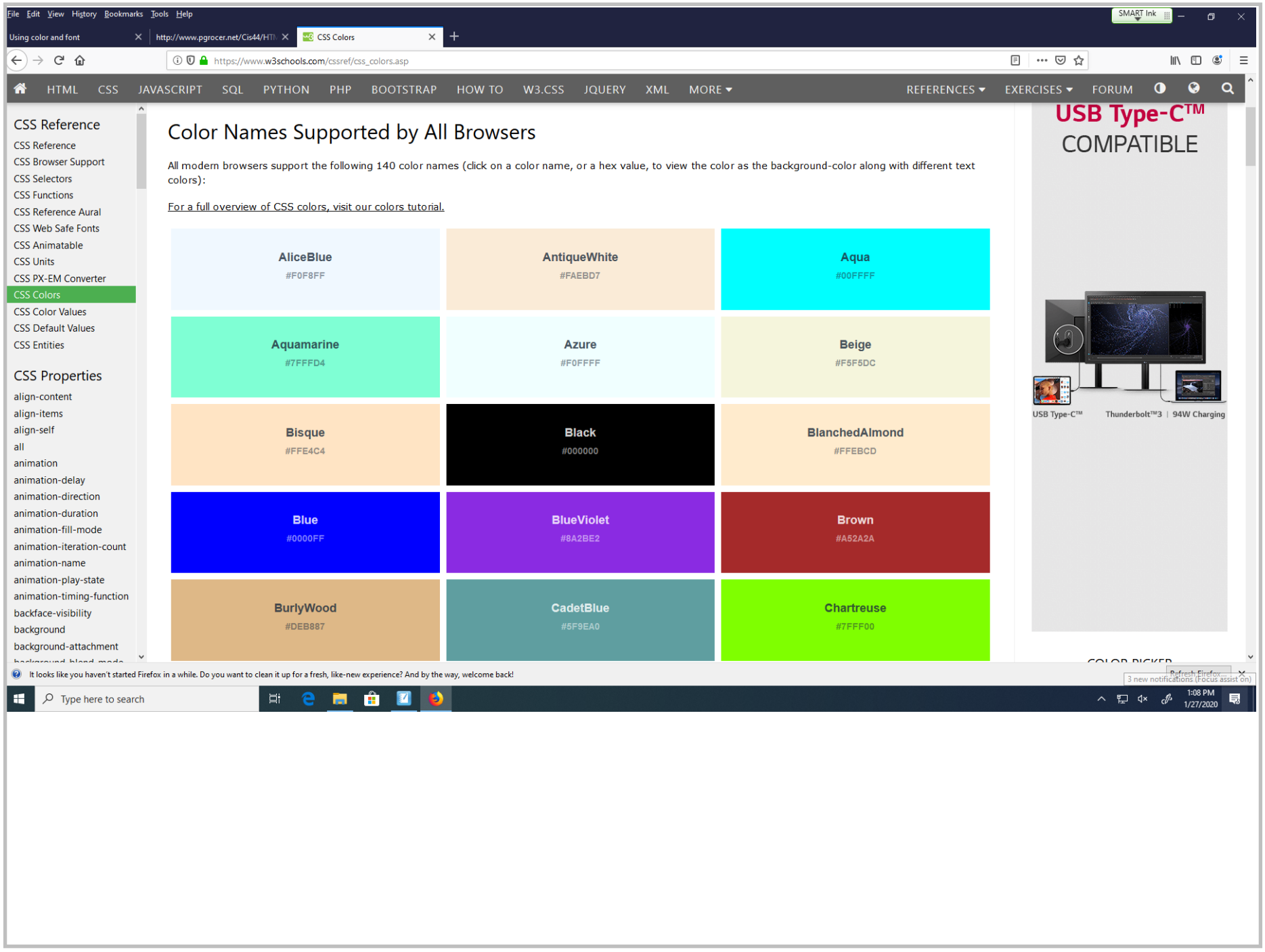
I randomly put in 000BBB for the text and got a blue coloring.
For the list of different codes and colors, go to my Web site and look for a listing
under colors. NOTE: The # in front of the color code is not required in HTML.
This gives me a large font
This gives me red text
Note that for standard colors, I can assign
the color red to the font. For more subtle shades, I need to use the code for that color
or the assigned name.
Read about how colors are treated by browsers and true colors. In this example I used
00dd00 which gave me a shade of green.
</body>
</html>
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
1:08 PM
1/27/2020


File Edit View History Bookmarks Tools Help
Using color and font
http://www.pgrocer.net/Cis44/HT
CSS Colors
https://www.w3schools.com/cssref/css_colors.asp
HTML CSS JAVASCRIPT SQL PYTHON PHP BOOTSTRAP HOW TO W3.CSS JQUERY XML MORE
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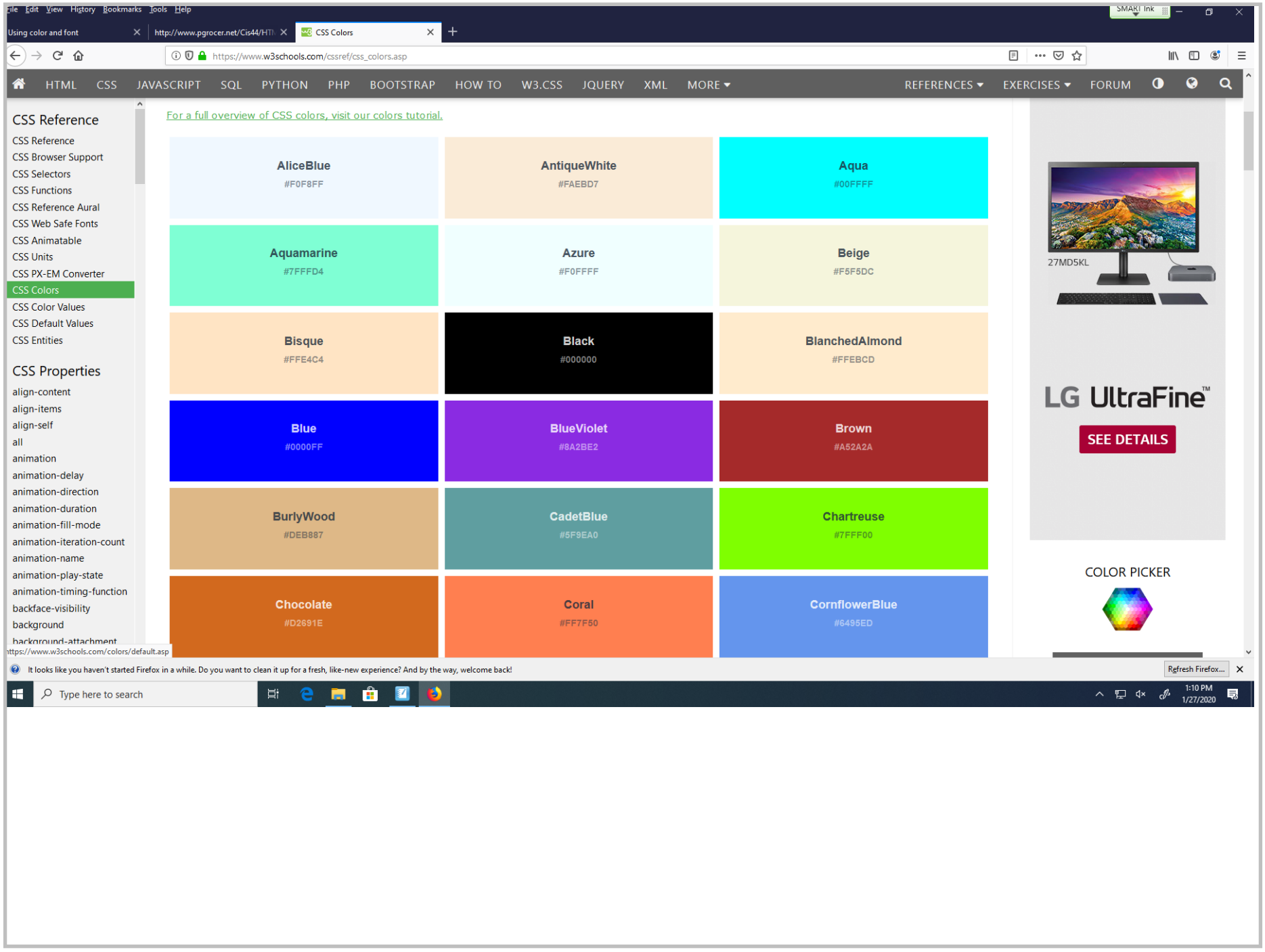
CSS Reference
CSS Browser Support
CSS Selectors
CSS Functions
CSS Reference Aural
CSS Web Safe Fonts
CSS Animatable
CSS Units
CSS PX-EM Converter
CSS Colors
CSS Color Values
CSS Default Values
CSS Entities
CSS Properties
align-content
align-items
align-self
all
animation
animation-delay
animation-direction
animation-duration
animation-fill-mode
animation-iteration-count
animation-name
animation-play-state
animation-timing-function
backface-visibility
background
background-attachment
Color Names Supported by All Browsers
All modern browsers support the following 140 color names (click on a color name, or a hex value, to view the color as the background-color along with different text colors):
For a full overview of CSS colors, visit our colors tutorial.
AliceBlue #F0F8FF
AntiqueWhite #FAEBD7
Aqua #00FFFF
Aquamarine #7FFFD4
Azure #F0FFFF
Beige #F5F5DC
Bisque #FFE4C4
Black #000000
BlanchedAlmond #FFEBCD
Blue #0000FF
BlueViolet #8A2BE2
Brown #A52A2A
BurlyWood #DEB887
CadetBlue #5F9EA0
Chartreuse #7FFF00
USB Type-C™
COMPATIBLE
USB Type-C™
Thunderbolt™3 | 94W Charging
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Type here to search
1:08 PM
1/27/2020


File Edit View History Bookmarks Tools Help
Using color and font
http://www.pgrocer.net/Cis44/HT
CSS Colors
https://www.w3schools.com/cssref/css_colors.asp
HTML CSS JAVASCRIPT SQL PYTHON PHP BOOTSTRAP HOW TO W3.CSS JQUERY XML MORE
REFERENCES EXERCISES FORUM
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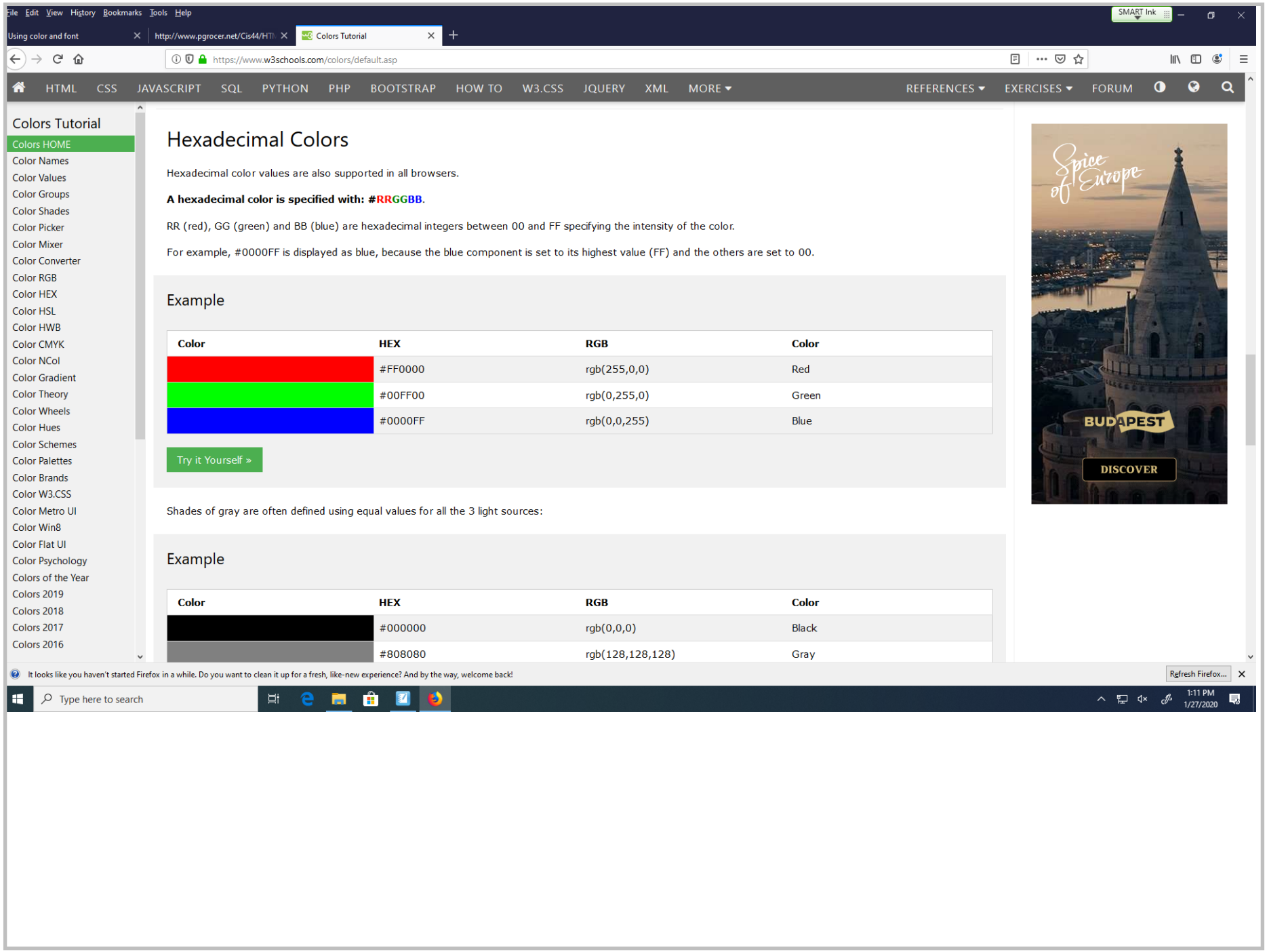
CSS Selectors
CSS Functions
CSS Reference Aural
CSS Web Safe Fonts
CSS Animatable
CSS Units
CSS PX-EM Converter
CSS Colors
CSS Color Values
CSS Default Values
CSS Entities
CSS Properties
align-content
align-items
align-self
all
animation
animation-delay
animation-direction
animation-duration
animation-fill-mode
animation-iteration-count
animation-name
animation-play-state
animation-timing-function
backface-visibility
background
For a full overview of CSS colors, visit our colors tutorial.
AliceBlue #F0F8FF
AntiqueWhite #FAEBD7
Aqua #00FFFF
Aquamarine #7FFFD4
Azure #F0FFFF
Beige #F5F5DC
Bisque #FFE4C4
Black #000000
BlanchedAlmond #FFEBCD
Blue #0000FF
BlueViolet #8A2BE2
Brown #A52A2A
BurlyWood #DEB887
CadetBlue #5F9EA0
Chartreuse #7FFF00
Chocolate #D2691E
Coral #FF7F50
CornflowerBlue #6495ED
27MD5KL
LG UltraFine™
SEE DETAILS
COLOR PICKER
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
1:10 PM
1/27/2020


Using color and font
http://www.pgrocer.net/Cis44/HT
Colors Tutorial
https://www.w3schools.com/colors/default.asp
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Color HSL
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Color CMYK
Color NCol
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Color Theory
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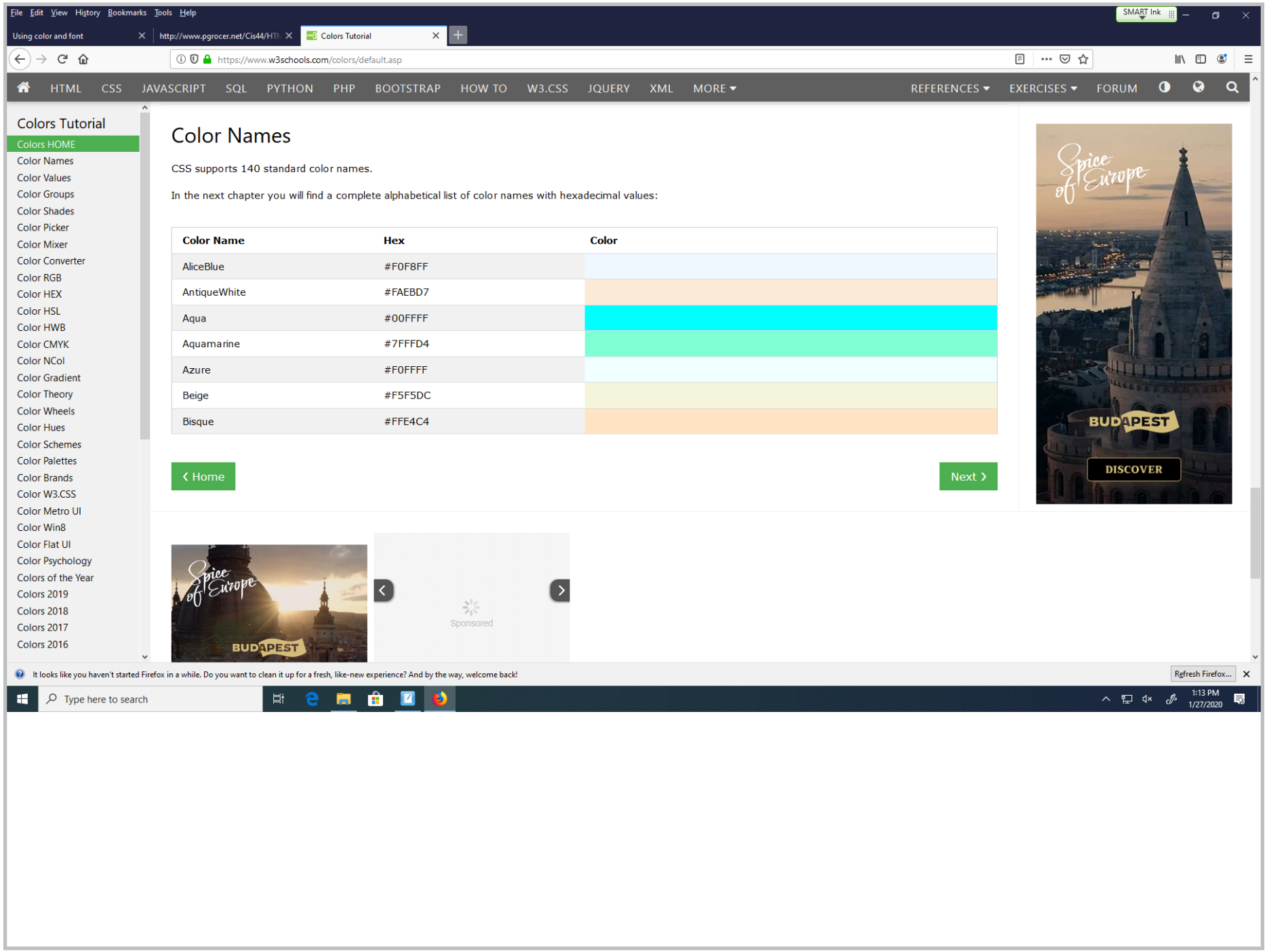
Color Hues
Color Schemes
Color Palettes
Color Brands
Color W3.CSS
Color Metro UI
Color Win8
Color Flat UI
Color Psychology
Colors of the Year
Colors 2019
Colors 2018
Colors 2017
Colors 2016
Hexadecimal Colors
Hexadecimal color values are also supported in all browsers.
A hexadecimal color is specified with: #RRGGBB.
RR (red), GG (green) and BB (blue) are hexadecimal integers between 00 and FF specifying the intensity of the color.
For example, #0000FF is displayed as blue, because the blue component is set to its highest value (FF) and the others are set to 00.
Example
Color HEX RGB Color
#FF0000 rgb(255,0,0) Red
#00FF00 rgb(0,255,0) Green
#0000FF rgb(0,0,255) Blue
Try it Yourself »
Shades of gray are often defined using equal values for all the 3 light sources:
Example
Color HEX RGB Color
#000000 rgb(0,0,0) Black
#808080 rgb(128,128,128) Gray
Spice of Europe
BUDAPEST
DISCOVER
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
1:11 PM
1/27/2020


File Edit View History Bookmarks Tools Help
SMART Ink
Using color and font
http://www.pgrocer.net/Cis44/HTI
Colors Tutorial
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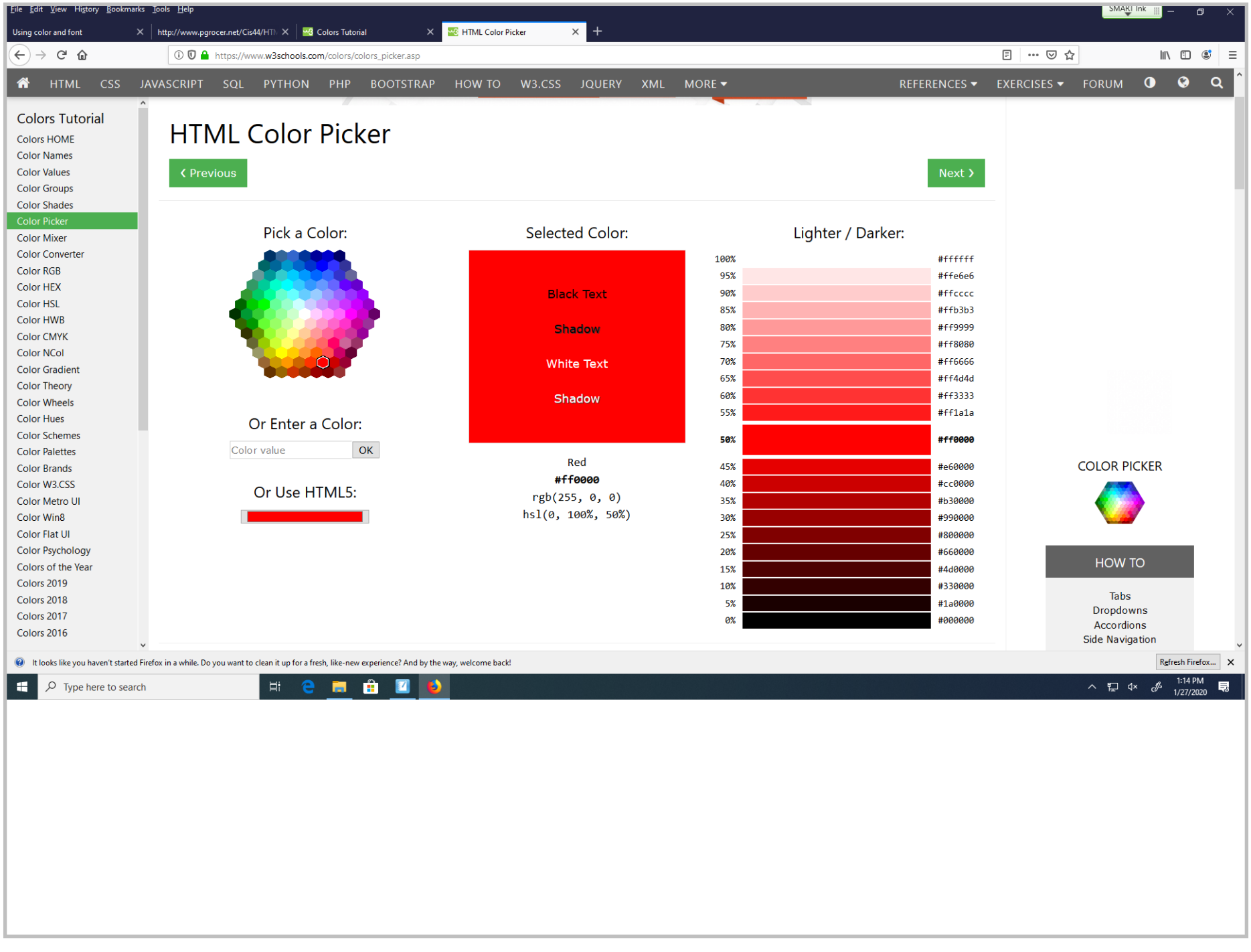
Color Palettes
Color Brands
Color W3.CSS
Color Metro UI
Color Win8
Color Flat UI
Color Psychology
Colors of the Year
Colors 2019
Colors 2018
Colors 2017
Colors 2016
Color Names
CSS supports 140 standard color names.
In the next chapter you will find a complete alphabetical list of color names with hexadecimal values:
Color Name
Hex
Color
AliceBlue
#F0F8FF
AntiqueWhite
#FAEBD7
Aqua
#00FFFF
Aquamarine
#7FFFD4
Azure
#F0FFFF
Beige
#F5F5DC
Bisque
#FFE4C4
‹ Home
Next ›
Spice of Europe
BUDAPEST
DISCOVER
Sponsored
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
1:13 PM
1/27/2020


File Edit View History Bookmarks Tools Help
Using color and font
http://www.pgrocer.net/Cis44/HTI
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https://www.w3schools.com/colors/colors_picker.asp
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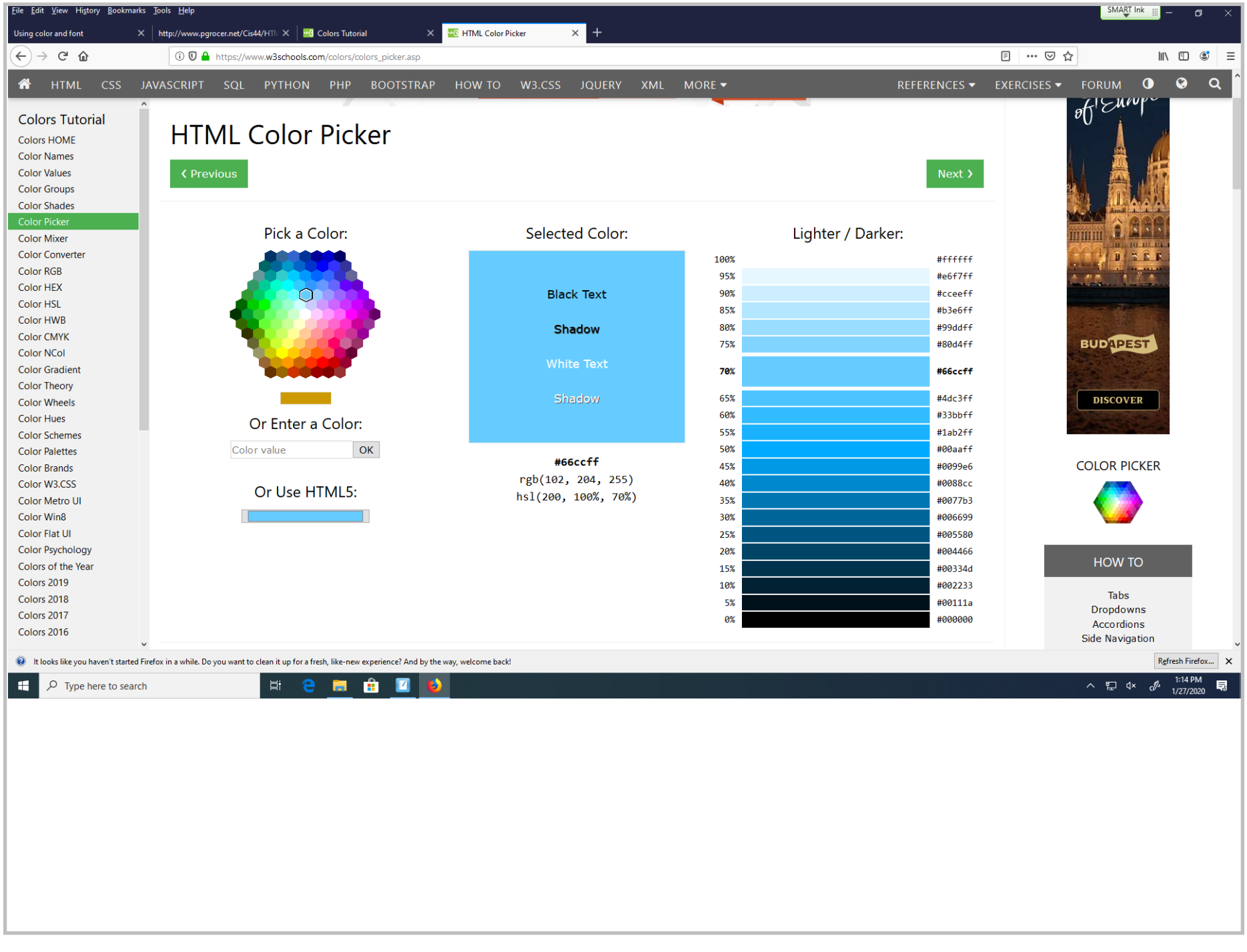
Color Palettes
Color Brands
Color W3.CSS
Color Metro UI
Color Win8
Color Flat UI
Color Psychology
Colors of the Year
Colors 2019
Colors 2018
Colors 2017
Colors 2016
HTML Color Picker
‹ Previous
Next ›
Pick a Color:
Or Enter a Color:
Color value
OK
Or Use HTML5:
Selected Color:
Black Text
Shadow
White Text
Shadow
Red
#ff0000
rgb(255, 0, 0)
hsl(0, 100%, 50%)
Lighter / Darker:
100% #ffffff
95% #ffe6e6
90% #ffcccc
85% #ffb3b3
80% #ff9999
75% #ff8080
70% #ff6666
65% #ff4d4d
60% #ff3333
55% #ff1a1a
50% #ff0000
45% #e60000
40% #cc0000
35% #b30000
30% #990000
25% #800000
20% #660000
15% #4d0000
10% #330000
5% #1a0000
0% #000000
COLOR PICKER
HOW TO
Tabs
Dropdowns
Accordions
Side Navigation
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...
Type here to search
1:14 PM
1/27/2020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Color Brands
Color W3.CSS
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Color Psychology
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Colors 2019
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HTML Color Picker
‹ Previous
Next ›
Pick a Color:
Or Enter a Color:
Color value
OK
Or Use HTML5:
Selected Color:
Black Text
Shadow
White Text
Shadow
#66ccff
rgb(102, 204, 255)
hsl(200, 100%, 70%)
Lighter / Darker:
100% #ffffff
95% #e6f7ff
90% #cceeff
85% #b3e6ff
80% #99ddff
75% #80d4ff
70% #66ccff
65% #4dc3ff
60% #33bbff
55% #1ab2ff
50% #00aaff
45% #0099e6
40% #0088cc
35% #0077b3
30% #006699
25% #005580
20% #004466
15% #00334d
10% #002233
5% #00111a
0% #000000
BUDAPEST
DISCOVER
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HOW TO
Tabs
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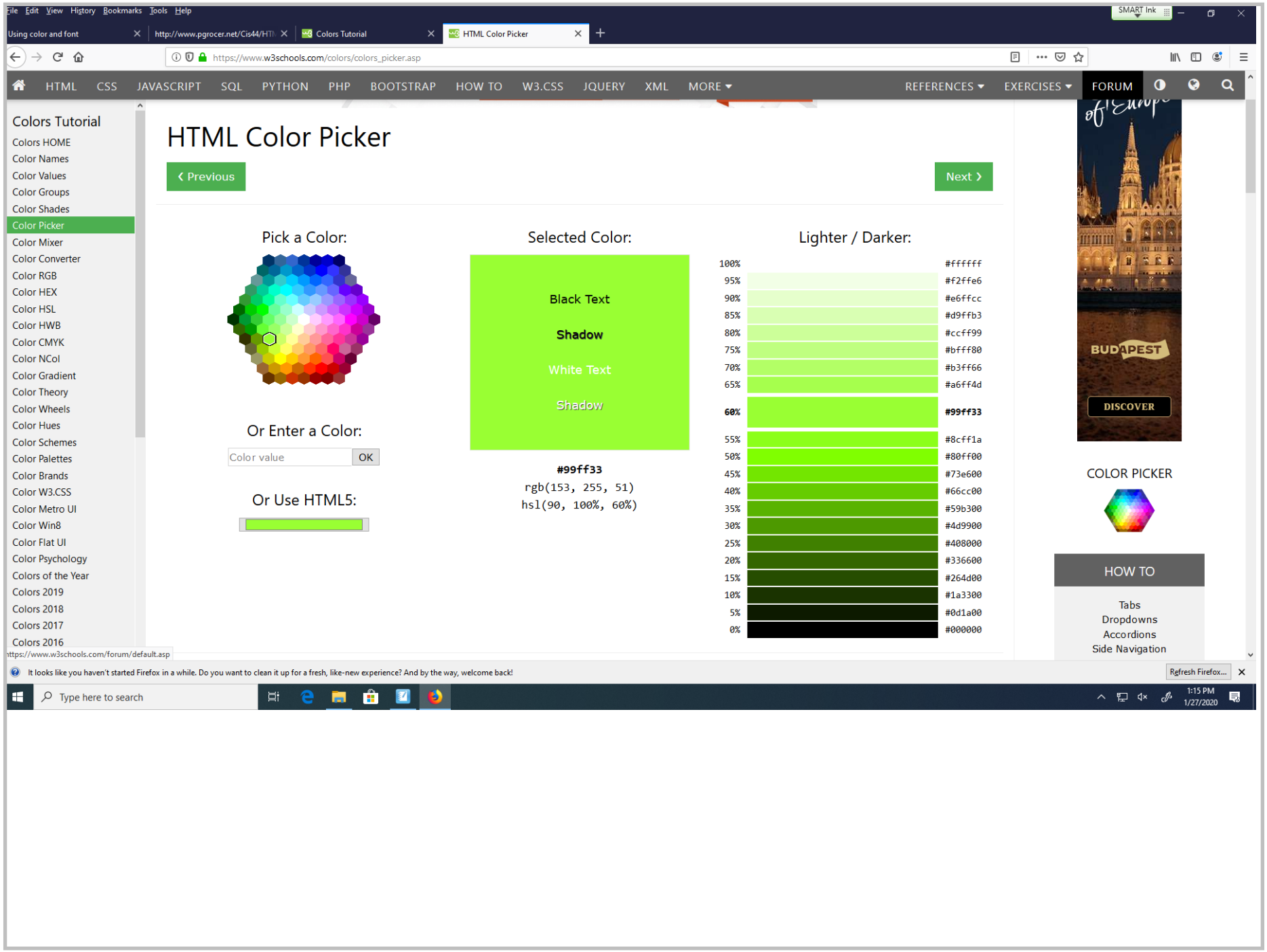
File Edit View History Bookmarks Tools Help
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https://www.w3schools.com/colors/colors_picker.asp
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Color NCol
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Color Wheels
Color Hues
Color Schemes
Color Palettes
Color Brands
Color W3.CSS
Color Metro UI
Color Win8
Color Flat UI
Color Psychology
Colors of the Year
Colors 2019
Colors 2018
Colors 2017
Colors 2016
HTML Color Picker
‹ Previous
Next ›
Pick a Color:
Or Enter a Color:
Color value
OK
Or Use HTML5:
Selected Color:
Black Text
Shadow
White Text
Shadow
#99ff33
rgb(153, 255, 51)
hsl(90, 100%, 60%)
Lighter / Darker:
100% #ffffff
95% #f2ffe6
90% #e6ffcc
85% #d9ffb3
80% #ccff99
75% #bfff80
70% #b3ff66
65% #a6ff4d
60% #99ff33
55% #8cff1a
50% #80ff00
45% #73e600
40% #66cc00
35% #59b300
30% #4d9900
25% #408000
20% #336600
15% #264d00
10% #1a3300
5% #0d1a00
0% #000000
BUDAPEST
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Tabs
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https://www.w3schools.com/forum/default.asp
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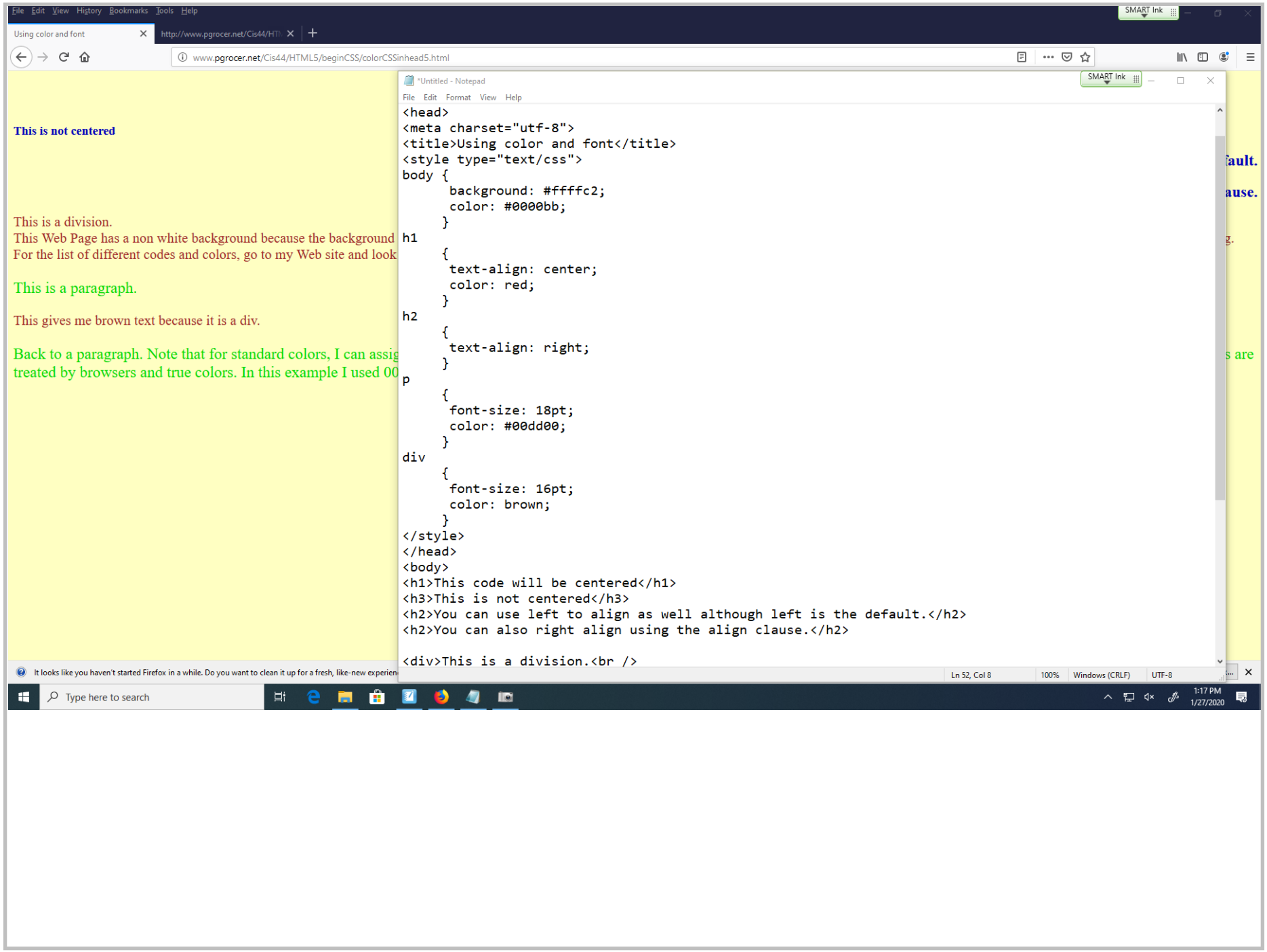
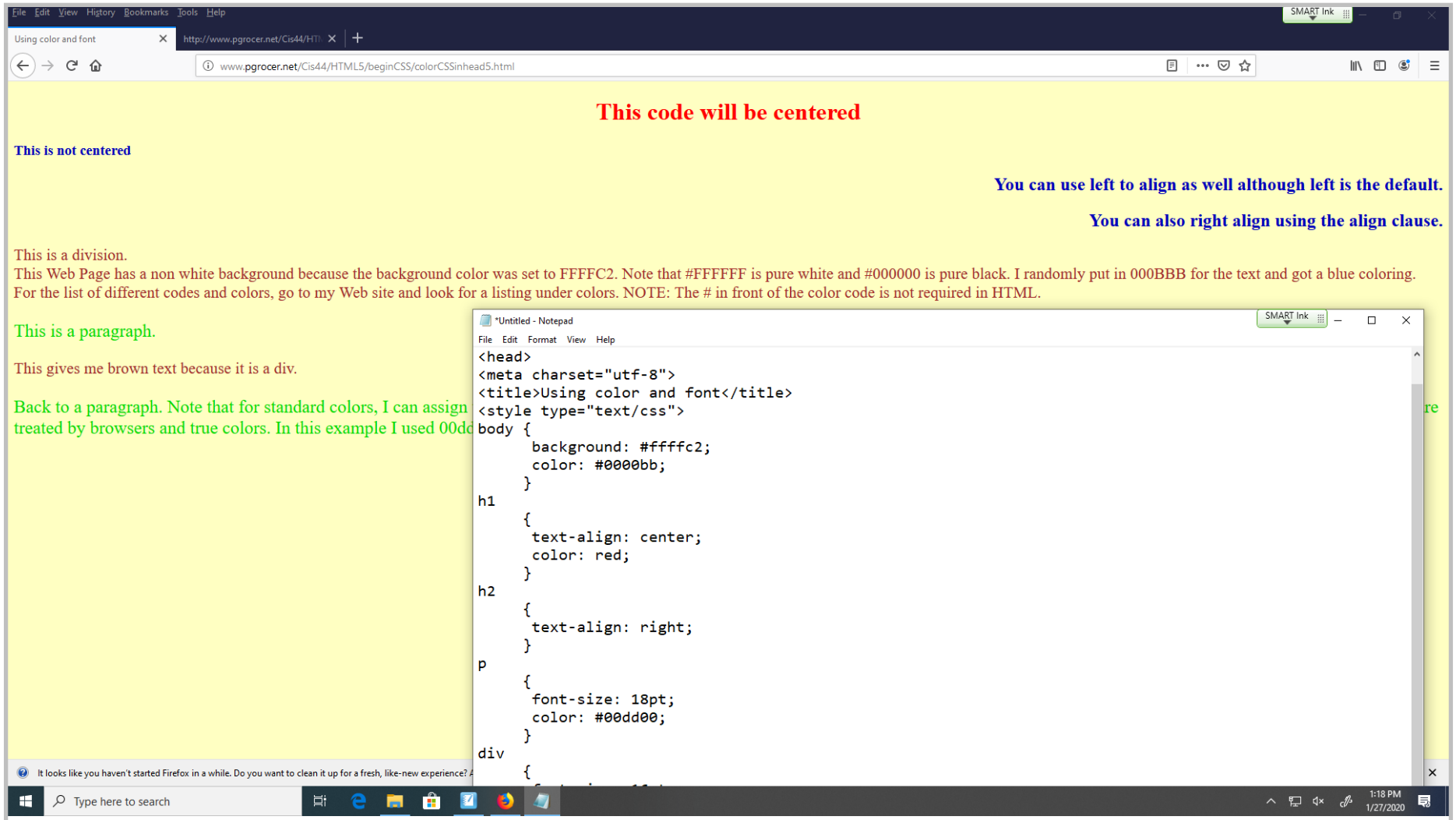
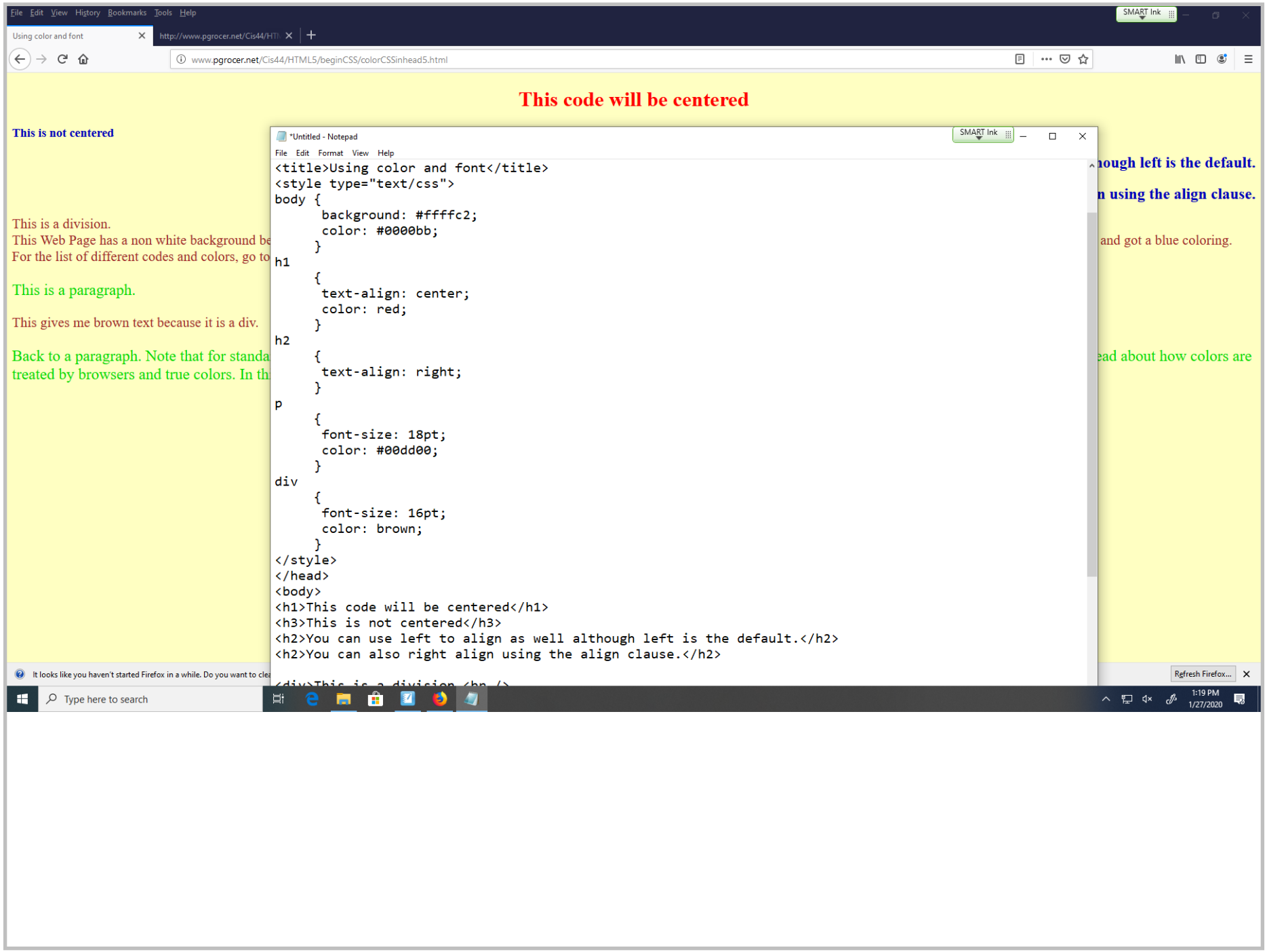
Refresh Firefox...
Type here to search
1:15 PM
1/27/2020


Using color and font
www.pgrocer.net/Cis44/HTML5/beginCSS/colorCSSinhead5.html
This is not centered
This is a division.
This Web Page has a non white background because the background
For the list of different codes and colors, go to my Web site and look
This is a paragraph.
This gives me brown text because it is a div.
Back to a paragraph. Note that for standard colors, I can assig
treated by browsers and true colors. In this example I used 00
*Untitled - Notepad
File Edit Format View Help
<head>
<meta charset="utf-8">
<title>Using color and font</title>
<style type="text/css">
body {
background: #ffffc2;
color: #0000bb;
}
h1
{
text-align: center;
color: red;
}
h2
{
text-align: right;
}
p
{
font-size: 18pt;
color: #00dd00;
}
div
{
font-size: 16pt;
color: brown;
}
</style>
</head>
<body>
<h1>This code will be centered</h1>
<h3>This is not centered</h3>
<h2>You can use left to align as well although left is the default.</h2>
<h2>You can also right align using the align clause.</h2>
This is a division.
Ln 52, Col 8
100%
Windows (CRLF)
UTF-8
Type here to search
1:17 PM
1/27/2020


File Edit View History Bookmarks Tools Help
Using color and font
http://www.pgrocer.net/Cis44/HTI
www.pgrocer.net/Cis44/HTML5/beginCSS/colorCSSinhead5.html
SMART Ink
This code will be centered
This is not centered
You can use left to align as well although left is the default.
You can also right align using the align clause.
This is a division.
This Web Page has a non white background because the background color was set to FFFFC2. Note that #FFFFFF is pure white and #000000 is pure black. I randomly put in 000BBB for the text and got a blue coloring.
For the list of different codes and colors, go to my Web site and look for a listing under colors. NOTE: The # in front of the color code is not required in HTML.
This is a paragraph.
This gives me brown text because it is a div.
Back to a paragraph. Note that for standard colors, I can assign
treated by browsers and true colors. In this example I used 00dd
*Untitled - Notepad
File Edit Format View Help
<head>
<meta charset="utf-8">
<title>Using color and font</title>
<style type="text/css">
body {
background: #ffffc2;
color: #0000bb;
}
h1
{
text-align: center;
color: red;
}
h2
{
text-align: right;
}
p
{
font-size: 18pt;
color: #00dd00;
}
div
{
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience?
Type here to search
1:18 PM
1/27/2020


Using color and font
www.pgrocer.net/Cis44/HTML5/beginCSS/colorCSSinhead5.html
This code will be centered
This is not centered
*Untitled - Notepad
File Edit Format View Help
<title>Using color and font</title>
<style type="text/css">
body {
background: #ffffc2;
color: #0000bb;
}
h1
{
text-align: center;
color: red;
}
h2
{
text-align: right;
}
p
{
font-size: 18pt;
color: #00dd00;
}
div
{
font-size: 16pt;
color: brown;
}
</style>
</head>
<body>
<h1>This code will be centered</h1>
<h3>This is not centered</h3>
<h2>You can use left to align as well although left is the default.</h2>
<h2>You can also right align using the align clause.</h2>
This is a division.
This is a paragraph.
This gives me brown text because it is a div.
Type here to search
1:19 PM
1/27/2020