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Priscilla Grocer

Chair, Computer Information Systems, Bristol Community College

[CIS120/CIS17](#) [CIS122/CIS44](#) [CIS150/CIS50](#) [CIS256/CIS67](#) [CIS258/CIS69](#) [CIS270/CIS52](#) CIS263 and CIS272 see me [Need help or support?](#)



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Computer Information Systems, Bristol Community College, Fall River, MA Office: K112 Phone: 508-678-2811 ext 2403 email: Priscilla.Grocer@bristolcc.edu

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File Edit View History Bookmarks Tools Help

CIS120/17 Course Page x +

www.pgrocer.net/PFGCIS120.html

Programming: Logic, Design and Implementation (CIS120/17)

Weekly Schedule

If when I return an assignment you do not get a grade it means that you have to go over the assignment and fix and resubmit. Remember, all assignments including inclass assignments must be done by everyone. There is no makeup on quizzes and tests. The email you should use is p.grocer@rcn.com

Schedule by week or unit	Information to cover
	<p>Please note that the first assignment is at the bottom of the list posted here. You should do the work in order! I may add to the weekly schedule during the course of the week, so please check back multiple times. Please keep copies of all work you submit until you receive your final grade at the end of the semester.</p> <p>Remember that I tape all my classes and capture notes on the Smartboard in the spring and fall. The recordings (audio) and the Smartboard are available for summer students to use under Audio and Smartboard.</p>
	<p>Lots of information this week!</p> <p>Each week, I will post information prior to the start of the Tuesday class. Please check back several times during the week because I may add information and/or assignments as the week progresses. I am setting up extra labs where students can come for questions and help - the schedule is not available yet but I will be available in my office (K-112) around 2:00 on Tuesday and Thursday this week. Each week I will post my availability at the beginning of the Week of posting.</p> <p>If you are just starting as a CIS major, I recommend that you double check your fall schedule with me.</p> <p>You will be getting invitations and login information in the next few weeks at your BCC email account. Please be sure to check for them.</p> <p>After each class (usually that night or the next day), I post the Smartboard notes and the audio of the class. If you were not in class or have questions, please look at the Smartboard notes and listen to the accompanying audio.</p> <p>I leave up the Smartboard Notes and audio lectures from previous semesters since much of the material is the similar. You should look up Smartboard presentations on topics that you want to go over.</p> <p>I record most of the classes where I deliver a lecture so you should always assume that the class is being recorded. If you want to know, just ask! I then post the audio and the Smartboard notes so you can follow and/or review what happened in class.</p> <p>We will start looking at HTML/HTML5 to develop a web page this week. Please look at the samples under Examples. We will start to look at them on Thursday and will look at the remaining ones next Tuesday.</p> <p>We will start looking at HTML/HTML5 to develop a web page this week. Please look at the samples under Examples. We will start to look at them .</p> <p>These are the pages you need to go over and understand:</p> <p>HTML5intro.html</p> <p>HTML5list.html</p> <p>HTML5linkpage.html</p> <p>HTML5CSSlist.html</p> <p>HTML5headers.html</p> <p>HTML5CSSheaders.html</p>

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Programming: Logic, Design and Implementation
CIS120/17

About This Course:
Need help or support?
Read Me First
Introduction to CIS120/17
Syllabus
Withdrawal Policy as of Fall 2017

Site Resources:
Notes and Handouts
Examples ←
Programs
Presentations
SmartBoard Presentations
Audio/lectures

Weekly Schedule:
Weekly schedule
Assignment summary

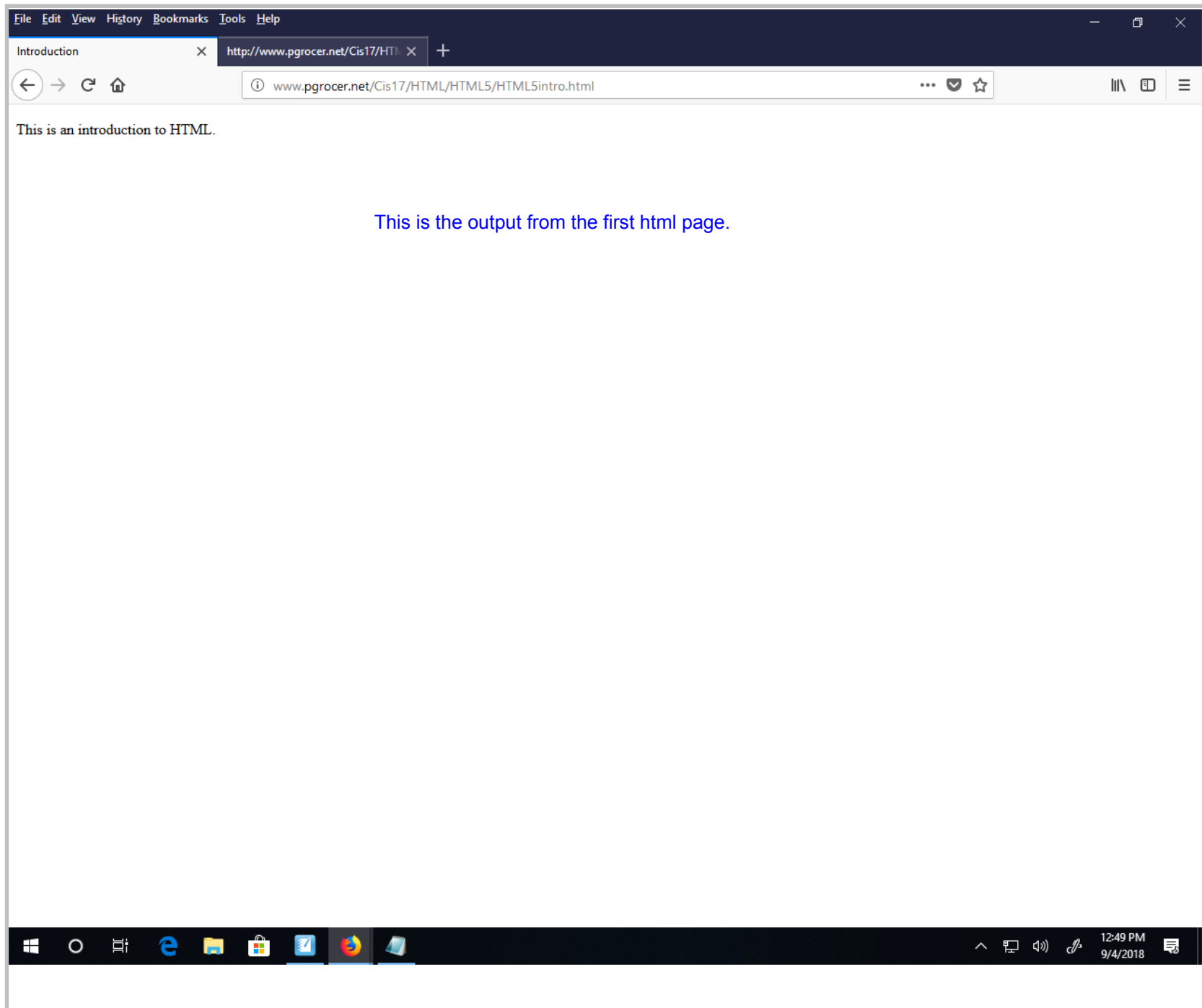
Links:
Links & Tutorials

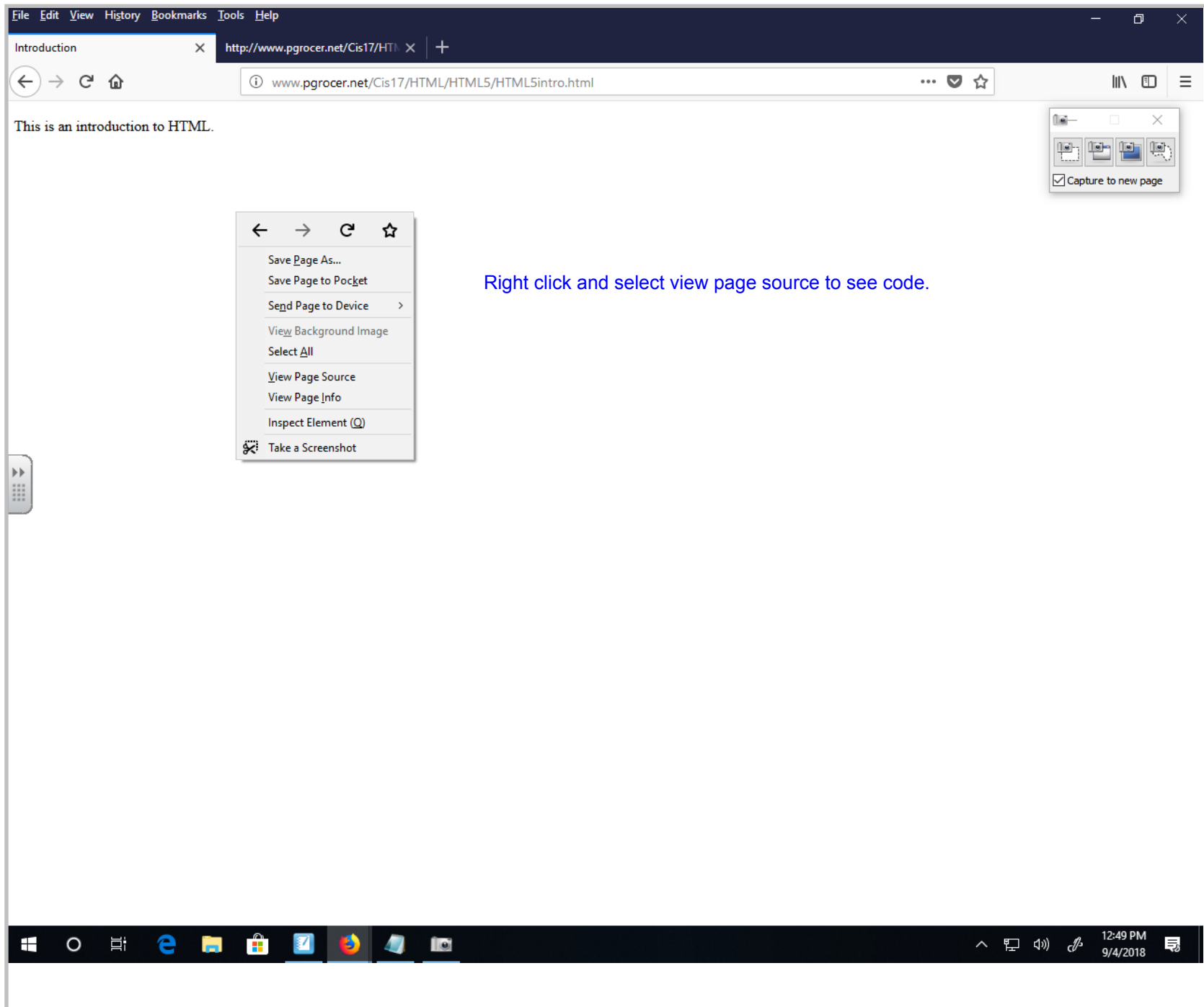
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or unit	copies of all work you submit until you receive your final grade at the end of the semester. Remember that I tape all my classes and capture notes on the Smartboard in the spring and fall. The recordings (audio) and the Smartboard are available for summer students to use under Audio and Smartboard.
<p>Week #1 Week of September 3rd</p>	<p>Lots of information this week! Each week, I will post information prior to the start of the Tuesday class. Please check back several times during the week because I may add information and/or assignments as the week progresses. I am setting up extra labs where students can come for questions and help - the schedule is not available yet but I will be available in my office (K-112) around 2:00 on Tuesday and Thursday this week. Each week I will post my availability at the beginning of the Week of posting. If you are just starting as a CIS major, I recommend that you double check your fall schedule with me. You will be getting invitations and login information in the next few weeks at your BCC email account. Please be sure to check for them. After each class (usually that night or the next day), I post the Smartboard notes and the audio of the class. If you were not in class or have questions, please look at the Smartboard notes and listen to the accompanying audio. I leave up the Smartboard Notes and audio lectures from previous semesters since much of the material is the similar. You should look up Smartboard presentations on topics that you want to go over. I record most of the classes where I deliver a lecture so you should always assume that the class is being recorded. If you want to know, just ask! I then post the audio and the Smartboard notes so you can follow and/or review what happened in class. We will start looking at HTML/HTML5 to develop a web page this week. Please look at the samples under Examples. We will start to look at them on Thursday and will look at the remaining ones next Tuesday. We will start looking at HTML/HTML5 to develop a web page this week. Please look at the samples under Examples. We will start to look at them . These are the pages you need to go over and understand: HTML5intro.html ← HTML5list.html ← HTML5linkpage.html HTML5CSSlist.html HTML5headers.html HTML5CSSheaders.html HTML5CSSimage.html HTML5centeredimage.html HTML5CSStable.html HTML5CSScenteredtable.html HTML5morelinks.html fileInSubHTML5.html There is an HTML presentation that also looks at writing code with HTML. It is under presentations and it is zipped. Note that it does not use examples with the optional DOCTYPE on the first line. <u>Zippped version of Introduction to HTML</u> A great reference for writing HTML is W3Schools Note that I will not always repeat the address here in the week of - I will just point you to where it can be found. Please note that this class used to be CIS17 and some of the handouts will say CIS17, that is why I refer to the class as CIS120/CIS17. Remember that the CSS (College Success Strategies) skills are embedded in this course. For example time management</p>

These are also in examples.

First example we will look at.





Note that I clicked on the collection of bars to get the Menu Bar.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 </head>
6 <body>
7 <p>This is an introduction to HTML.</p>
8 </body>
9 </html>
```

The first line tells the browser you are writing HTML5 (late version) code and is not required.

The second line tells the browser that you are using html. The tag is enclosed in less than and greater than signs.

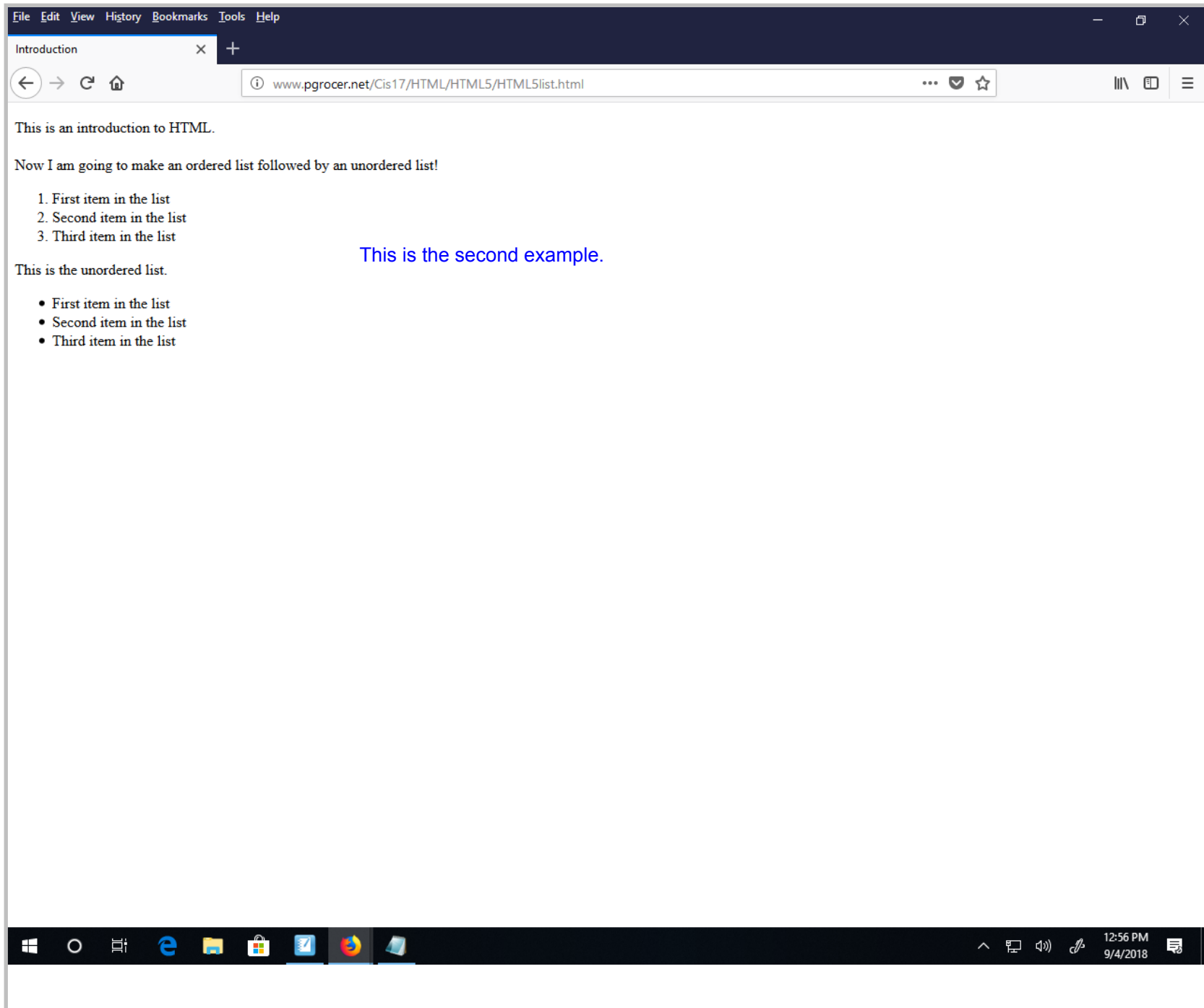
There are two parts of the page: the head and the body. The head tag contains the title tag and the title of the page. To close the title I use `</title>` where the slash tells us this section is ending.

I then close head and start the body.

In the body I have a paragraph designated with the tag `<p>` and ending with `</p>`

Note that a paragraph leaves a blank line after the paragraph. I only have one sentence so you cannot see this.

Next I close the body and the html itself.



The screenshot shows a web browser window displaying a page titled "Introduction" from the URL <http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5list.html>. The page content includes an introduction to HTML and a paragraph about creating lists. A Notepad window is open in the foreground, showing the HTML code used to generate the page content. The code includes a title, a paragraph with a line break, an ordered list, and an unordered list.

Browser Content:

This is an introduction to HTML.

After I brought up the code from the second example, I copied and pasted it into notepad so I can show you how to save it. Note that I had to use a next editor like notepad or notepad++

Now I am going to make an ordered list followed by an unordered list!

Notepad Content:

```
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<title>Introduction</title>
</head>
<body>
<p>This is an introduction to HTML.<br><br>
Now I am going to make an ordered list followed by an unordered list!</p>
<ol>
<li>First item in the list</li>
<li>Second item in the list</li>
<li>Third item in the list</li>
</ol>
This is the unordered list.<br>
<ul>
<li>First item in the list</li>
<li>Second item in the list</li>
<li>Third item in the list</li>
</ul>
</body>
</html>
```

Annotations:

- Within the paragraph I coded two lines that I wanted separated by a blank line. I did this using the `
` tag. `
` is like pressing enter on the keyboard. The first one moves it down one line and the second one moves down another line so there is a blank line between the two sentences.
- Next I made an ordered list with the `` tag and inside the `` tag I used line items which are written as `` to show the things I want in the list. The ordered list will number the line items 1,2,3. Below that I set up an unordered list. It two has line items. Note that in this case bullet icons are used.
- The this is the unordered list.
 works fine but professionals would not consider it good code since it is not inside tags. I could have used the `<p>` tag to improve it.

File Edit View History Bookmarks Tools Help

Introduction x http://www.pgrocer.net/Cis17/HTI x +

www.pgrocer.net/Cis17/HTML/HTML5/HTML5list.html

This is an introduction to HTML.

Now I am going to make an ordered list followed by an unordered list!

Once it is saved I can go to the browser and use my menu to click on file and then file open and then locate the name and click on it to open it in the browser.

firstF1811 - Notepad

```
File Edit Format View Help
<!DOCTYPE html>
<html>
<head>
<title>Introduction</title>
</head>
<body>
<p>This is an introduction to HTML.<br><br>
Now I am going to make an ordered list followed
<ol>
<li>First item in the list</li>
<li>Second item in the list</li>
<li>Third item in the list</li>
</ol>
This is the unordered list.<br>
<ul>
<li>First item in the list</li>
<li>Second item in the list</li>
<li>Third item in the list</li>
</ul>
</body>
</html>
```

Save As

ADATA UFD (F:)

Organize New folder

Name	Date modified	Type
Pictures		
Videos		
Local Disk (C:)		
USB Drive (E:)		
ADATA UFD (F:)		
pgrocer11 \\svr		
\\svrnas\Banner		
\\svrnas\Dept St		
\\svrnas\All Sha		
ThawSpace (T:)		
ADATA UFD (F:)		

File name: firstF1812.html

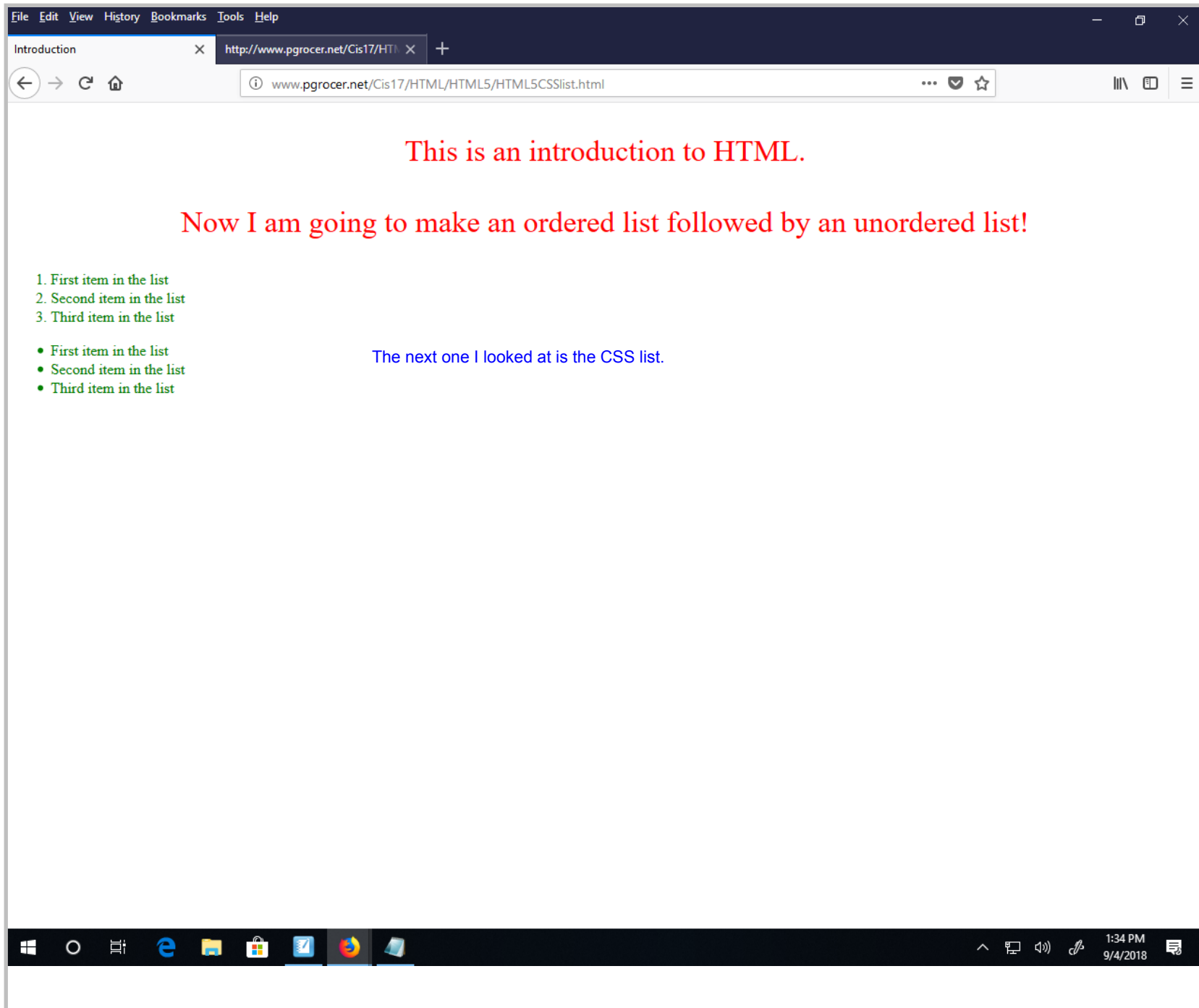
Save as type: All Files

Encoding: ANSI

Save Cancel

I am saving the code in notepad on my F drive. Note the name has an .html extension.

Windows taskbar: 1:04 PM 9/4/2018



File Edit View History Bookmarks Tools Help

Introduction x http://www.pgrocer.net/Cis17/HTI x CSS Colors x +



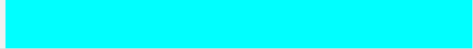















https://www.w3schools.com/cssref/css_colors.asp

HTML CSS JAVASCRIPT SQL PHP BOOTSTRAP HOW TO MORE REFERENCES EXAMPLES

color as the background-color along with different text colors).

I did a search for the CSS colors and chose the reference from w3schools (a good source for information on CSS and html).

For a full overview of CSS colors, visit our colors tutorial.

Color Name	HEX	Color	Shades	Mix
AliceBlue	#F0F8FF		Shades	Mix
AntiqueWhite	#FAEBD7		Shades	Mix
Aqua	#00FFFF		Shades	Mix
Aquamarine	#7FFFD4		Shades	Mix
Azure	#F0FFFF		Shades	Mix
Beige	#F5F5DC		Shades	Mix
Bisque	#FFE4C4		Shades	Mix
Black	#000000		Shades	Mix
BlanchedAlmond	#FFEBCD		Shades	Mix
Blue	#0000FF		Shades	Mix
BlueViolet	#8A2BE2		Shades	Mix
Brown	#A52A2A		Shades	Mix
BurlyWood	#DEB887		Shades	Mix
CadetBlue	#5F9EA0		Shades	Mix
Chartreuse	#7FFF00		Shades	Mix
Chocolate	#D2691E		Shades	Mix
Coral	#FF7F50		Shades	Mix
CornflowerBlue	#6495ED		Shades	Mix


CSS Reference

- 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 PICKER



HOW TO

- Tabs
- Dropdowns
- Accordions
- Side Navigation
- Top Navigation
- Modal Boxes
- Progress Bars
- Parallax
- Login Form
- HTML Includes
- Google Maps
- Range Sliders
- Tooltips
- Slideshow
- Filter List

1:24 PM 9/4/2018

The screenshot shows a web browser window with the address bar displaying `http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5CSSlist.html`. The browser is in "view-source" mode, showing the HTML and CSS code for the page. The code is as follows:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 <style type="text/css">
6 body
7 {
8     color: red;
9 }
10 p
11 {
12     text-align: center;
13     font-size: 2em;
14 }
15 li
16 {
17     color: green;
18 }
19 </style>
20 </head>
21 <body>
22 <p>This is an introduction to HTML.<br><br>
23 Now I am going to make an ordered list followed by an unordered list!</p>
24 <ol>
25 <li>First item in the list</li>
26 <li>Second item in the list</li>
27 <li>Third item in the list</li>
28 </ol>
29 <ul>
30 <li>First item in the list</li>
31 <li>Second item in the list</li>
32 <li>Third item in the list</li>
33 </ul>
34 </body>
35 </html>
```

Now I am adding style to the page. I need to use the style tag line that I set up in the header. Note that after I do the style I have a close style tag as well.

Within the style I show the tags that I want effected by the style entries. For example for the body, I want the color of the font to be red.

The syntax is the tag name like body followed by an open curly brace and then the CSS key word (in this case color) followed by a colon and then the color I want the font to be and a semi-colon. Finally I close the curly brace.

I also set up style for the paragraph and the line items. The line items color of green overrode the default red I set up for the body.

File Edit View History Bookmarks Tools Help

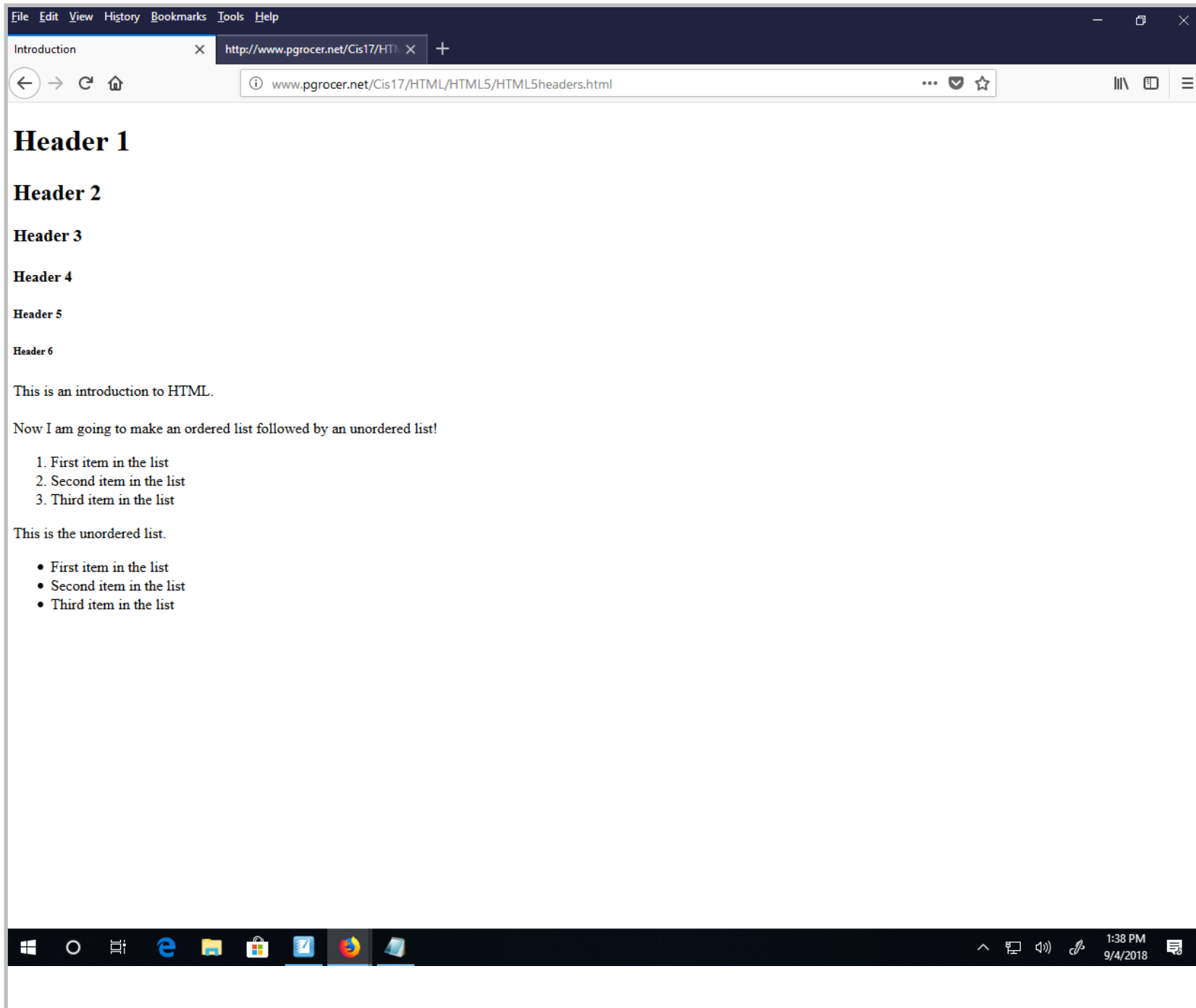
Introduction x http://www.pgrocer.net/Cis17/HTI x http://www.pgrocer.net/Cis17/HTI x +

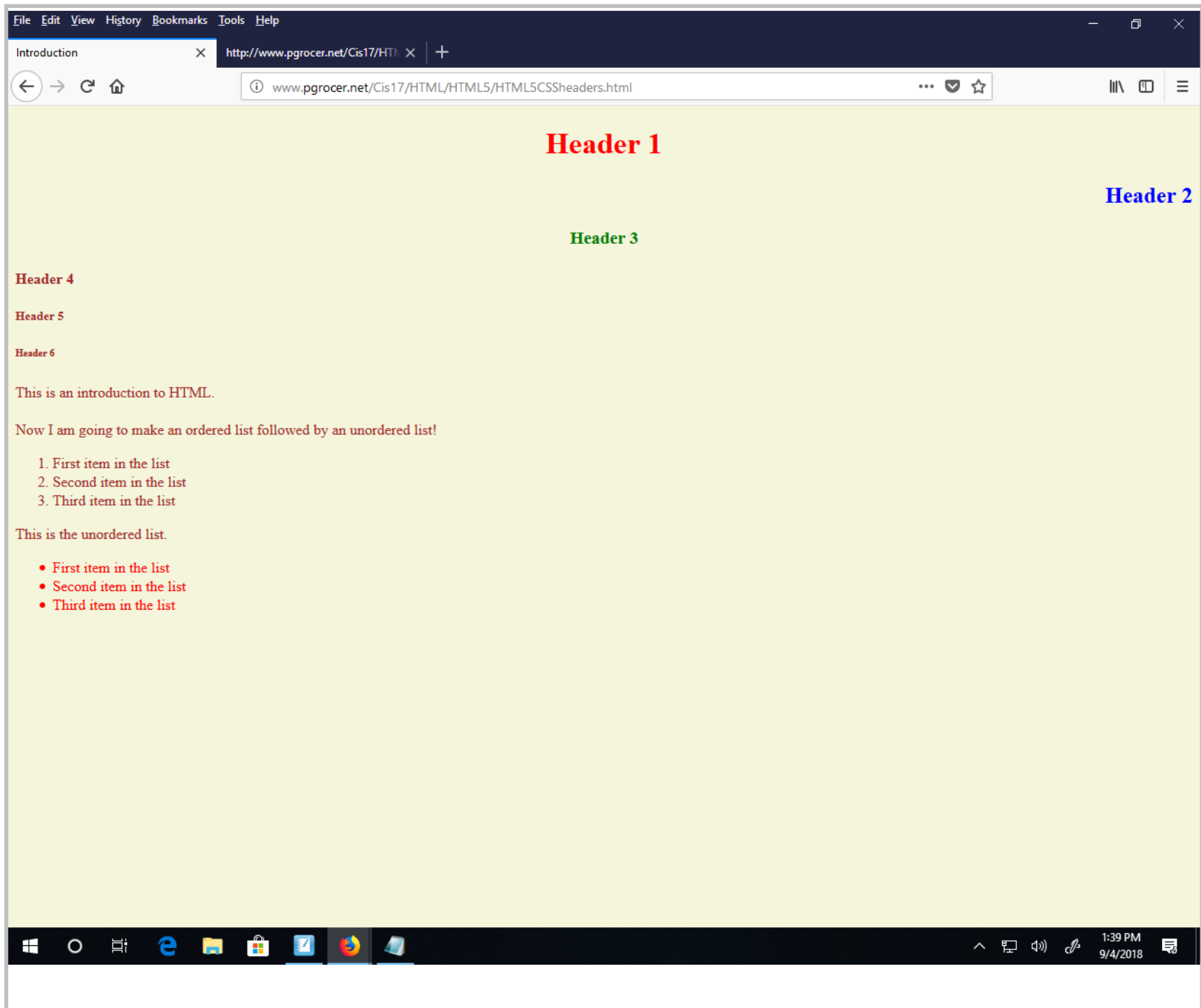
view-source:http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5headers.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 </head>
6 <body>
7 <h1>Header 1</h1>
8 <h2>Header 2</h2>
9 <h3>Header 3</h3>
10 <h4>Header 4</h4>
11 <h5>Header 5</h5>
12 <h6>Header 6</h6>
13 <p>This is an introduction to HTML.<br><br>
14 Now I am going to make an ordered list followed by an unordered list!</p>
15 <ol>
16 <li>First item in the list</li>
17 <li>Second item in the list</li>
18 <li>Third item in the list</li>
19 </ol>
20 This is the unordered list.<br>
21 <ul>
22 <li>First item in the list</li>
23 <li>Second item in the list</li>
24 <li>Third item in the list</li>
25 </ul>
26 </body>
27 </html>
```

<h1> through <h6> are header tags that write the header in bold and skip a line after the header. The <h1> is the largest and it goes down to a small <h6> Next I am modifying the page to add CSS.

Windows taskbar: 1:38 PM 9/4/2018





1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 <style type="text/css">
6 body
7 {
8 background-color: beige;
9 color: brown;
10 }
11 h1
12 {
13 color: red;
14 text-align: center;
15 }
16 h2
17 {
18 color: blue;
19 text-align: right;
20 }
21 h3
22 {
23 color: green;
24 text-align: center;
25 }
26 ul
27 {
28 color: red;
29 }
30 </style>
31 </head>
32 <body>
33 <h1>Header 1</h1>
34 <h2>Header 2</h2>
35 <h3>Header 3</h3>
36 <h4>Header 4</h4>
37 <h5>Header 5</h5>
38 <h6>Header 6</h6>
39 <p>This is an introduction to HTML.

40 Now I am going to make an ordered list followed by an unordered list!</p>
41
42 First item in the list
43 Second item in the list
44 Third item in the list
45
46 This is the unordered list.

47
48 First item in the list
49 Second item in the list
50 Third item in the list
51
52 </body>
53 </html>

Note the background-color associated with the body.
The h1 is red and aligned to the center while the h2 is blue and aligned to the right.
Notice that what is inside the is changed to red.

