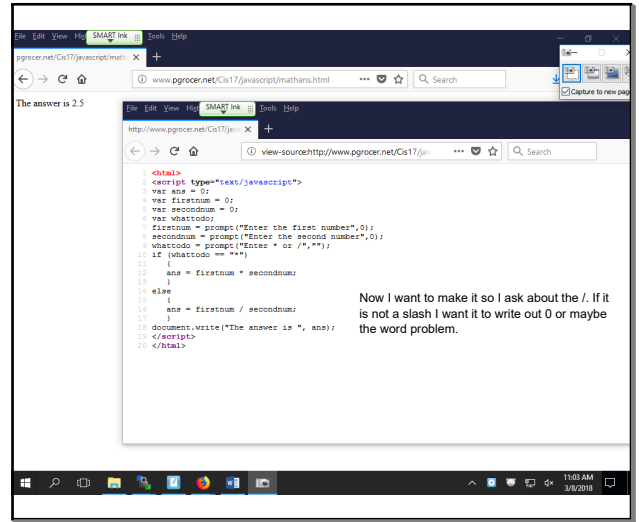
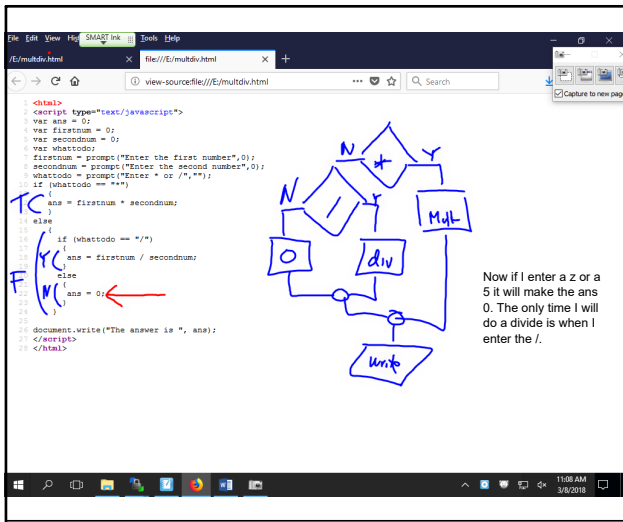


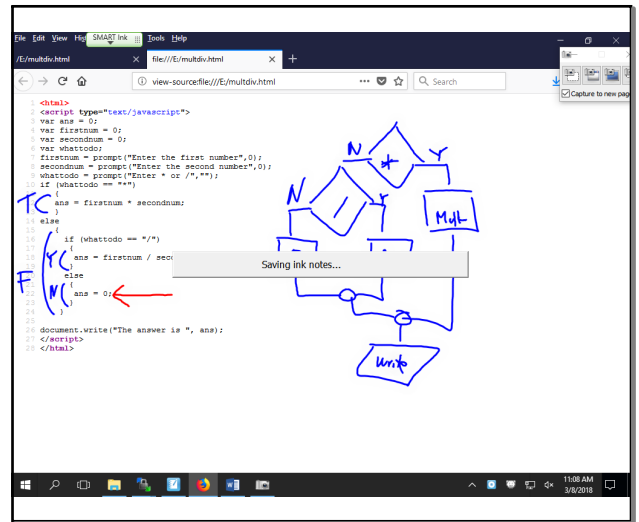
Mar 8-10:54 AM



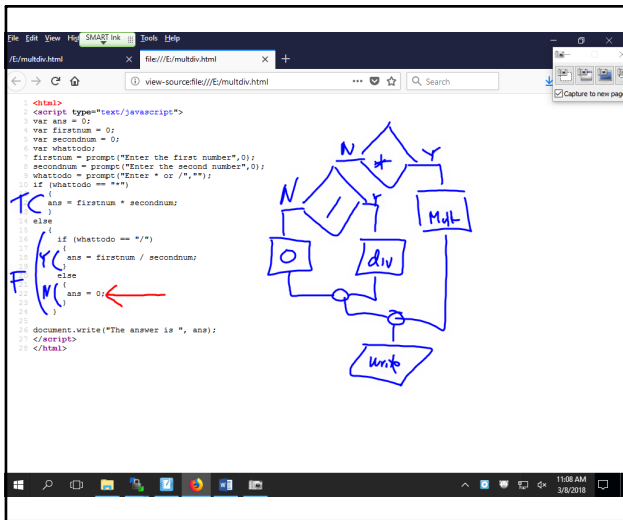
Mar 8-11:03 AM



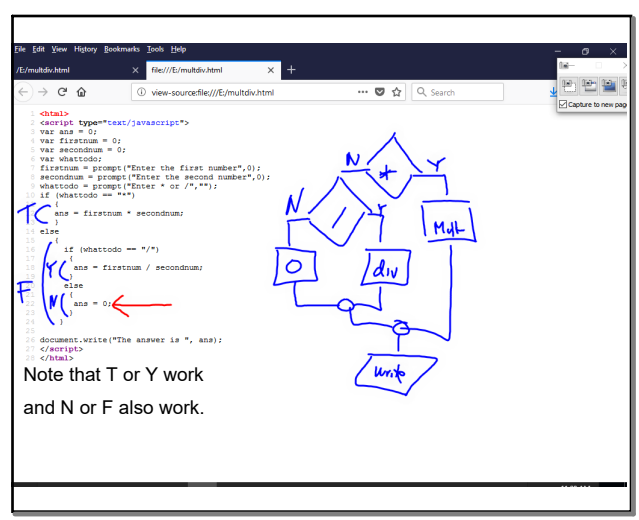
Mar 8-11:08 AM



Mar 8-11:08 AM



Mar 8-11:08 AM



Mar 8-11:08 AM

```

<html>
<script type="text/javascript">
var ans = 0;
var firstnum = 0;
var secondnum = 0;
var whattodo;
firstnum = prompt("Enter the first number",0);
secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter + or /, *");
if (whattodo == "+")
ans = firstnum + secondnum;
else
if (whattodo == "/" )
ans = firstnum / secondnum;
else
ans = 0;
document.write("The answer is ", ans);
</script>
</html>

```

Mar 8-11:09 AM

Mar 8-11:13 AM

Mar 8-11:18 AM

```

if (whattodo == "+")
{
ans = firstnum + secondnum;
}
else
{
if (whattodo == "/" )
{
ans = firstnum / secondnum;
}
else
{
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
}
else
{
if (whattodo == "-")
{
ans = firstnum - secondnum;
}
else
{
ans = 0;
}
}
}
}

```

Mar 8-11:32 AM

This now tests for all the arithmetic possibilities. Notice I connected the curly braces to show how they go together.

Mar 8-11:33 AM

Mar 8-11:35 AM

```

<html>
<script type="text/javascript">
var ans = 0;
var firstnum = 0;
var secondnum = 0;
var whattodo;
firstnum = prompt("Enter the first number",0);
secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter * or / or + or -","");
if (whattodo == "*")
{
ans = firstnum * secondnum;
}
else
{
if (whattodo == "/" )
{
ans = firstnum / secondnum;
}
else
{
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
}
else
{
if (whattodo == "-")
{
ans = firstnum - secondnum;
}
}
}
}
}
document.write("The answer is ", ans);
</script>
</html>

```

Mar 8-11:39 AM

```

}
else
{
if (whattodo == "/" )
{
ans = firstnum / secondnum;
}
else
{
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
}
else
{
if (whattodo == "-")
{
ans = firstnum - secondnum;
}
}
}
}
}
document.write("The answer is ", ans);
</script>
</html>

```

Mar 8-11:39 AM

```

var secondnum = 0;
var whattodo;
firstnum = prompt("Enter the first number",0);
secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter * or / or + or -","");
if (whattodo == "*")
{
ans = firstnum * secondnum;
}
if (whattodo == "/" )
{
ans = firstnum / secondnum;
}
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
}
if (whattodo == "-")
{
ans = firstnum - secondnum;
}
else
{
ans = 0;
}
document.write("The answer is ", ans);
</script>
</html>

```

Mar 8-11:42 AM

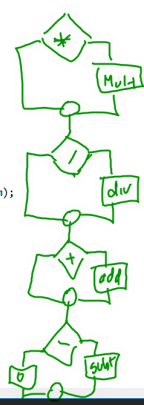
Response to question about doing separate if statements.
The problem is how do you handle the error entries. The way I have it if I put in an " then it does the multiply . Then it finds it is not a / and drops through and checks and finds that it is not a + and drops through and finds it is not a subtract sign. But at that point it takes the else and replaces the multiply answer with a 0. That is a problem. There is no easy solution.

```

var secondnum = 0;
var whattodo;
firstnum = prompt("Enter the first number",0);
secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter * or / or + or -","");
if (whattodo == "*")
{
ans = firstnum * secondnum;
}
if (whattodo == "/" )
{
ans = firstnum / secondnum;
}
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
}
if (whattodo == "-")
{
ans = firstnum - secondnum;
}
else
{
ans = 0;
}
document.write("The answer is ", ans);
</script>
</html>

```

Mar 8-11:47 AM

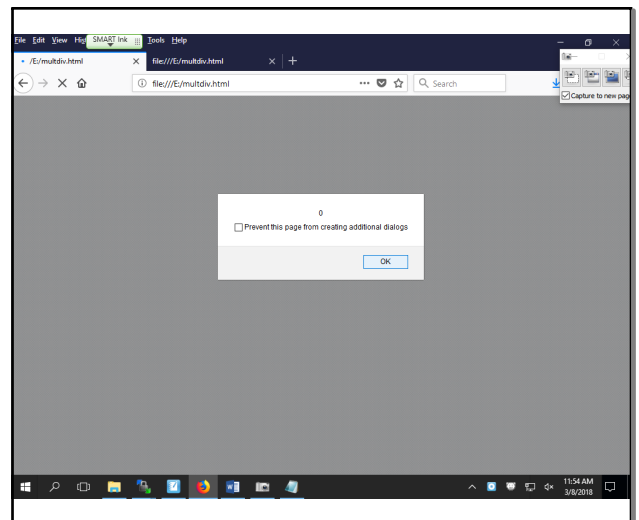
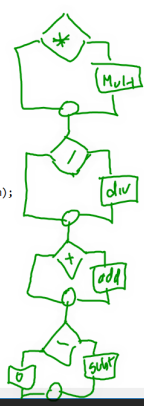


```

var secondnum = 0;
var whattodo;
firstnum = prompt("Enter the first number",0);
secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter * or / or + or -","");
if (whattodo == "*")
{
ans = firstnum * secondnum;
}
if (whattodo == "/" )
{
ans = firstnum / secondnum;
}
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
}
if (whattodo == "-")
{
ans = firstnum - secondnum;
}
else
{
ans = 0;
}
document.write("The answer is ", ans);
</script>
</html>

```

Mar 8-11:50 AM



Mar 8-11:54 AM

```

<html>
<script type="text/javascript">
var ans = 0;
var firstnum = 0;
var secondnum = 0;
var whattodo;
firstnum = prompt("Enter the first number",0);
secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter * or / or + or -","");
if (whattodo == "*")
{
ans = firstnum * secondnum;
alert(ans);
}
if (whattodo == "/")
{
ans = firstnum / secondnum;
alert(ans);
}
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
alert(ans);
}
if (whattodo == "-")
{
ans = firstnum - secondnum;
alert(ans);
}
else
{
ans = 0;
alert(ans);
}
document.write("The answer is " + ans);
</script>
</html>

```

A lot of coders put the curly braces in different places with the opening going on the line with the if and the closing going on the last line .
Note that I used alert to show the results as I moved through the code. Nice debugging tool.

Mar 8-11:56 AM

```

secondnum = prompt("Enter the second number",0);
whattodo = prompt("Enter * or / or + or -","");
if (whattodo == "*") {
ans = firstnum * secondnum;
alert(ans);
}
if (whattodo == "/")
{
ans = firstnum / secondnum;
alert(ans);
}
if (whattodo == "+")
{
ans = parseFloat(firstnum) + parseFloat(secondnum);
alert(ans);
}
if (whattodo == "-")
{
ans = firstnum - secondnum;
alert(ans);
}
else
{
ans = 0;
alert(ans);
}

document.write("The answer is " + ans);
</script>
</html>

```

Mar 8-11:57 AM

```

<html>
<script type="text/javascript">
var msg;
myPoints = prompt("Enter the number of points you have earned",0);
if (myPoints < 10)
{
msg = "Not enough points for a prize";
}
else
{
if (myPoints <= 50)
{
msg = "You can choose a prize from group B";
}
else
{
msg = "You can choose a prize from group A";
}
}
document.write(msg);
</script>
</html>

```

Mar 8-12:00 PM

```

<html>
<script type="text/javascript">
var msg;
myPoints = prompt("Enter the number of points you have earned",0);
if (myPoints < 10)
{
msg = "Not enough points for a prize";
}
else
{
if (myPoints <= 50)
{
msg = "You can choose a prize from group B";
}
else
{
msg = "You can choose a prize from group A";
}
}
document.write(msg);
</script>
</html>

```

Mar 8-12:01 PM

```

<html>
<head>
<title>JavaScript guess number game</title>
</head>
<body>
<script type="text/javascript">
var theName = window.prompt("Enter your name","");
var theState = window.prompt("Enter the state","");
if (theState == "MA" || theState == "RI")
{
document.write(theName + " you live in " + theState, "chr");
}
else
{
document.write(theName + " you do not live in MA or RI " + chr);
}
</script>
</body>
</html>

```

Mar 8-12:03 PM

```

<html>
<head>
<title>JavaScript guess number game</title>
</head>
<body>
<script type="text/javascript">
var theName = window.prompt("Enter your name","");
var theState = window.prompt("Enter the state","");
if (theState == "MA" || theState == "RI")
{
document.write(theName + " you live in " + theState, "chr");
}
else
{
document.write(theName + " you do not live in MA or RI " + chr);
}
</script>
</body>
</html>

```


could use || or

Mar 8-12:07 PM

```
File Edit View Help SMAAS Ink
JavaScript guess number game http://www.pgrocer.net/Cis177j... X
View-source: http://www.pgrocer.net/Cis177j...
<html>
<head>
<title>JavaScript guess number game</title>
</head>
<body>
<script type="text/javascript">
1 var theName = window.prompt("Enter your name","");
2 var theState = window.prompt("Enter the state","");
3 if (theState == "MA" || theState == "RI")
4 {
5     document.write(theName + " you live in " + theState, "<br>");
6 }
7 else
8 {
9     document.write(theName + " you do not live in MA or RI <br>");
10 }
</script>
</body>
</html>
```

comment

|| or




Mar 8-12:07 PM

```
File Edit View Help SMAAS Ink
JavaScript guess number game http://www.pgrocer.net/Cis177j... X
View-source: http://www.pgrocer.net/Cis177j...
<html>
<head>
<title>JavaScript guess number game</title>
</head>
<body>
<script type="text/javascript">
1 var theName = window.prompt("Enter your name","");
2 var theBirth = parseInt(window.prompt("Enter the year of birth",0));
3 var marStat = window.prompt("Enter your marital status","");
4 if (theBirth > 1980 && marStat == "M")
5 {
6     document.write(theName + " you meet the criteria <br>");
7 }
8 else
9 {
10    document.write(theName + " you do not meet the criteria <br>");
11 }
</script>
</body>
</html>
```

and

TX



Mar 8-12:11 PM