Web Programming Fundamentals - Online

:: Activity

Discussion: Debugging Errors Together (35m)

( Due: Thu, 13 Feb | Status: Not Completed )

Post an error you have encountered and solved. Write about the error and how you solved it to share the experience with your classmates.

Objectives & Outcomes

Successful completion of this activity will show that you can:

    Identify, articulate and recall errors you have encountered.

    Analyze errors for the code causing the problem.

    Solve problems causing errors in your code.

    Classify types of errors.

    Illustrate the problem, the error you encountered and your solution with your classmates.

Level of Effort

This activity should take approximately 35m to complete. It will require:

    0m Research

    5m Prep & Delivery

    30m Work

If you find that this activity takes you significantly less or more time than this estimate, please contact me for guidance.

Instructions

Be sure to include the following:

    The error as it appeared in your cosole.

    What you have determined to be the cause of the error.

    Was it a problem with your HTML or JavaScript?

    How you solved the error.

Do not post entire segments of code here, however.

Deliverables

There are no deliverables required for this activity. Make sure you are saving your work and creating files as directed by screen casts.

CLASS DISCUSSION

Create a post

Kendra Hoots

Hello class and Prof,

As this week is under way I have come across a few errors that i have done. I find myself making mistakes when I type out the code like I will make a letter upercase when it is suposed to be lowercase or I end up staging, commiting, and pushing before I am ready thinking I am done with it and it doesn't work... I think it is because I am not familar with the code and I am in a hurry. It can be in either or both it all depends on what it is I am working on at the moment. I would say that more times than not it is my JavaScript because I know HTML alot better! I start by going through my enire section of code that is not working and go letter by letter if I need to to see what is misspelled or misstyped and then go and fix the issue and restage, commit, and push the fixed file.

I am loveing this class!! plus I love the fact that W3Schools was mentioned in one of the videos I have used that webpage for years and actually considered going through their certification before coming to school here at Full Sail!

Thanks!

~Kendra

Posted on 02/11/2014 at 9:47:56 PM Reply

Dustin Stephens

While using Firefox, I ran into the following error:

"The character encoding of the HTML document was not declared."

The error was visible inside the console, when testing.

Editing the HTML file solved it. See below for coding:

<!DOCTYPE html>

<html>

    <head>

        <meta charset="UTF-8"> <!--This line solves the character encoding error for html 5-->

        <!-- I think it is necessary after updating the first line to html 5, or perhaps it solves a settings conflict within my own browser -->

        <title>Type Your Title Here</title>

        <script src="js/script.js"> </script>

    </head>

    <body>

        <!-- Insert message -->

    </body>

</html>

Sincerely,

Dustin Stephens

Posted on 02/12/2014 at 9:13:11 PM Reply

Jesus "Jay" Yanes Fernandez

Hi Guys,

I have to say it’s been a fun and hard working week for me. I work with html, web deployments, code migration and daily client upgrades; but never really had the chance to work as close to JavaScript as I have this past week. I did encounter a few small errors that were preventing my script from working properly. Out of the three “Expression” worksheets, I have to say that the one that gave me the gigantic headache was the wacky one. I decided to do a body fat percentage calculator. Below are the several errors I encountered while building my script:

1st Error:

When applying the “console.log” I was placing results in the parentheses as such “console.log (results)” instead of “console.log (bodyFatPercent)” which was the result of the mathematical equation I was looking for.

2nd Error:

When placing this variable “var show = "Your total Bodyfat Percent is:" + " " + bodyFatPercent;” I wan’t getting the usual pop with the information provided. I read up and found that I was missing the alert at the end. As soon as I placed it there it worked.

var show = "Your total Bodyfat Percent is:" + " " + bodyFatPercent;

alert(show);

3rd Error:

var result1 = second + third;

var result2 = result1 - fourth;

var result3 = result2 - fifth;

var leanBodyMass = sixth + result3;

var bodyFatPercent = (bodyWeight - leanBodyMass) \* 100 / bodyWeight;

With the above variables I had a mess. Each time I placed the equations and went back to check, the mathematical results were wrong. Made sense to me after calculating the results on paper a few times. I the order of the script, I was subtracting smaller numbers from big numbers, so I kept on getting negative results (-21.9). Once I realized that and rearranged the order of those few numbers the equation came back with the correct results.

Overall I had a lot of fun with this script, which ended up being the bigger one out of the three of them. Can wait for next week. Good luck all.

Posted 8 hours ago Reply

Dao Villar

Hello all,

This week I have been doing battle with Github. I was finally able to get my pdf from last week uploaded but I am now not able to get my Expressions assignments to upload. When trying to add the html or js file in the terminal I am  getting a "fatal: pathspec 'Expressions\_Industry.js' did not match any files" error. I still havent figured this one out. As far as errors in the code are concerned, I encountered errors that were mostly due to spacing. Those were fixed using trial and error. Hopefully I will figure out my github/terminal errors before the assignments are due tonight.

Thanks!

Dao Villar

Posted 3 hours ago Reply

Bryan "Bryan" Gill

Ms. Silvestro and classmates,

The one error I keep running into is: "Uncaught SyntaxError: Unexpected token ;"

This forces me to go back through the specified line to troubleshoot the code.  So far, I have found that it means that I have either left something out or put something in.  After correcting this I refresh the page and the error is gone.  You would think that in my 18-year career in IT, working on keyboards 90% of the time, I would have eventually learned to type!  Nope, but I am the fastest hunt-and-peck keyboard cowboy this side of the Mississippi.

Bryan

Posted 3 hours ago Reply

Devin Metivier

Hi class,

I've run into a few errors so far in this class that specifically related to the Javascript side of the assignments. I have a CIW certification that I earned in high school that helped prepare me more for things like HTML and CSS writing skills, so I haven;t had a problem so far with any of thise sides of coding. However, the problems that I have had so far with Javascript are pretty miniscule to say the least as I understand it. The kind of errors that I encounter normally dealt with capitalization errors and declaration errors. Those were easy go back and check fixes. I believe I may have had one error where the calculations weren't coming out to the exact number that it should have, but I simply fixed that with a function that rounds the number.

I hope you guys ae learning a lot and having as much fun as I am learning a new language!

Devin

Posted 2 hours ago Reply

Marcus "Xman" Bethel

Good evening Instructor and Classmates,

  I have enjoyed this class up to this point, learning something new each and everyday. What I have come across isn't so much codes and errors, more like human error and trying to understand what I am doing each step of the way. Learning the basics in this class is catching me off guard in a manner that I am creating errors due to my lack of attention to detail. This is definitely a course that requires a keen eye to attention to detail. I appreciate how we are taught step by step and have several resources for us to use and follow. I am my worst enemy right now, I doubt what I am doing and watching the videos this week I see where I went wrong. The videos are have explained so much to me, now I am seeing coding in a different light. Things are starting to make sense and why things are set up the way they are. In my opinion this is similar to learning a foreign language. So for me at this point I am the error in the script.

Posted 1 hour ago Reply

James "Schyler" Stanbridge

Errors. Ugh. Though few, these were the bane of my existence this past week. In particular, I was using an array in my JavaScript code and trying to use values from the array in later equations. I just couldn't get them to work. I kept getting "NaN" in both my console and my alert boxes.

I went through my code, line by line, looking for syntax errors and I couldn't find ANYTHING. I even typed and retyped the same lines over and over. I tried coming at the problem from a differnet angle, using a different equation (like trying to add instead of subtract) and still I couldn't figure it out.

I had to walk away from the computer. I got my mind off of the code, adjusted my eyes to looking at something besides the computer screen, and came back about an hour later. Once again, I went through the code line by line again. This time I found the issue.

In an array, you might have [10,11,12,13,14] as your values, but when you call those values you use something like ieArray[3]. Those numbers are assigned to the values of the array from left to right and start with 0, not 1. It's a bit counterintuitive. Well, when I was calling values from my array I had started with 1 and gone to 4 (I had 4 values total) instead of using 0-3. So, I was actually calling a value (4) that didn't exist, hence the "NaN" error. A simple correction of the numbers and everything worked beautifully again.

Posted 1 hour ago Reply

Tyler "Tyler" Mccomas

The only error while doing my activities and assignments was that I was getting a NAN inside of my console. I reviewed my code but couldn’t find anything myself that was wrong with it. So I basically deleted the code and went a little slower making sure everything was 100% correct.

Posted 1 hour ago Reply

Kalah Jackson Rutherford

Hello class,

I haven't ran into any problems so far actually, which is surprising to me.

Venus Cross

I have encountered many errors.  One of them were  a simple matter of spacing. I  could not get it to appear until I moved the variables over close to the margin.  Then it prompt the user once I ran it.  I received some (syntax error).  My code work now and the users are getting the prompt.

Wrong version:

Prompt and Alert

     var width = prompt("We are calculating the area of a rectangle. \nPlease enter the width");

     var height = prompt("Please enter the height");

    var area = width \* height; //calculates with that info

      //console.log(area);// prints it out to                     console

   alert("The area of the rectangle is " + area + "sq feet");

   alert (result);

The Correct version:

var width = prompt("We are calculating the area of a rectangle. \nPlease enter the width");

var height = prompt("Please enter the height");

var area = width \* height; //calculates with that info

      //console.log(area);// prints it out to console

   alert("The area of the rectangle is " + area + "sq feet");

   alert (result);

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