-- Finding JavaScript Errors--

Why firebug?

↗ A difficult part of learning to program in JavaScript is finding JavaScript errors. Firebug was designed to help with this, although sometimes it is not enough.

Download and save testFirebug.htm.

↗ Step 1: Download and save testFirebug.htm

   ↗ Step 1.1: Click <u>testFirebug.htm</u>.

   ↗ Step 1.2: Right click on the tetFirebug.htm page and choose "View source".

   ↗ Step 1.3: Save the source code,, in your module1 folder as testFirebug.htm.

       STOP NOT Viewed PAGE.

   ↗ Step 1.4: Upload testFirebug.htm to your student website.

Debug and Test JavaScript

↗ Step 2: Debug and Test JavaScript

↗ Step 2.1: Open your testFirebug.htm page in your browser. The link will be: cois-linux.austincc.edu/~login/module1/testFirebug.htm where login is the login name posted in Blackboard.

↗ Step 2.2: Before looking for JavaScript errors, make sure all HTML errors are found. Click on the conformance checker link.

↗ Step 2.3: To open the Firebug Console click:
Tools   Web Developer   Firebug   Open Firebug

↗ Step 2.4: You should see a split screen with the Firebug Console showing on the bottom of the screen.

↗ Step 2.5: Refresh your page so that the Console goes through your code.

Debug and Test the JavaScript

↗ Step 2.6: You should see the following message:

TypeError: document.Write is not a function

...ocument.Write("<p>Once your page is correct,
 you will get a pop-up message.</p>")

↗ Step 2.7: Go back to Komodo Edit and fix the error.

? Can you find the cause of the error?

(Remember the document.write statement is all lowercase.)

↗ Step 2.8: Correct, reupload, and then refresh your page.

↗ Step 2.9: Fix any remaining errors.

↗ Step 2.10: When your page runs and there are no errors in the Console
window, you have fixed all your JavaScript errors.

Your Task

↗ After watching this video, complete your task:

  ↗ Read the Competency 1.2 assignment instruction in Blackboard

  ↗ Complete competency 1.2 JavaScript assignment

  ↗ Use Firebug to find your JavaScript errors