



-- Competency 1.2 Hot Topic --



-- 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 [testFirebug.htm](#).

➤ 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.



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](http://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



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