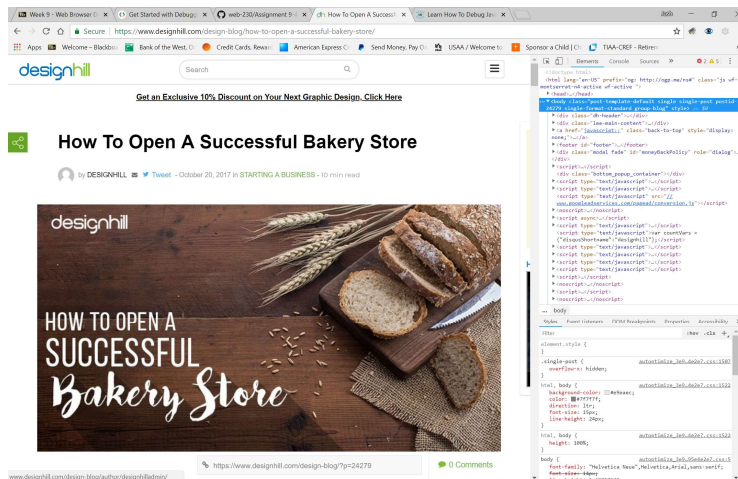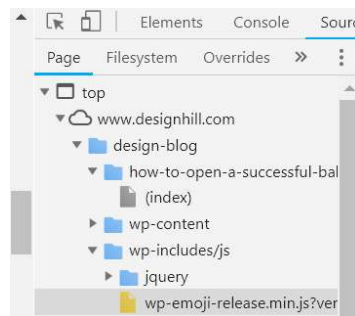WEB231 – Enterprise JavaScript I
Assignment 9.4

Write a one page guide on the debugging capabilities of either Firefox or Chrome, specifically identifying:

1. Step-by-step instructions on how one might set break points and "walk-through" a JavaScript application (include screen captures)

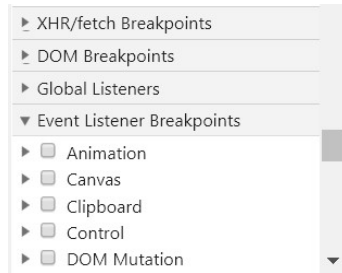   1. Open the DevTools by pressing Control+Shift+I within the chrome browser.

   2. Within the devtools window find the .js file.

   3. Click the sources tab within the devtools window pane.

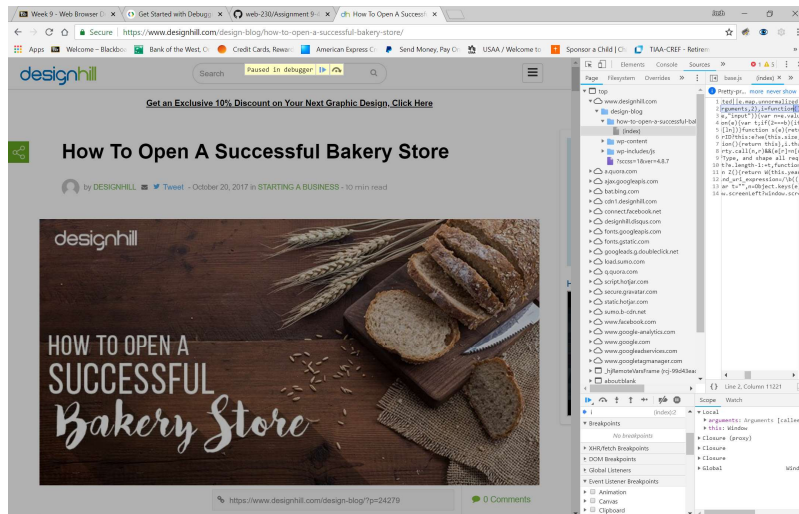   4. Expend the event listener dropdown.

5. Select the mouse checkbox to break on all mouse functions.

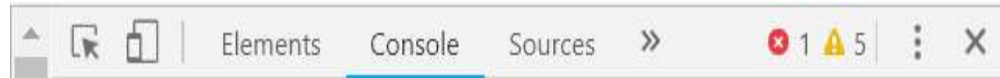6. Click the activate/deactivate breakpoint button.

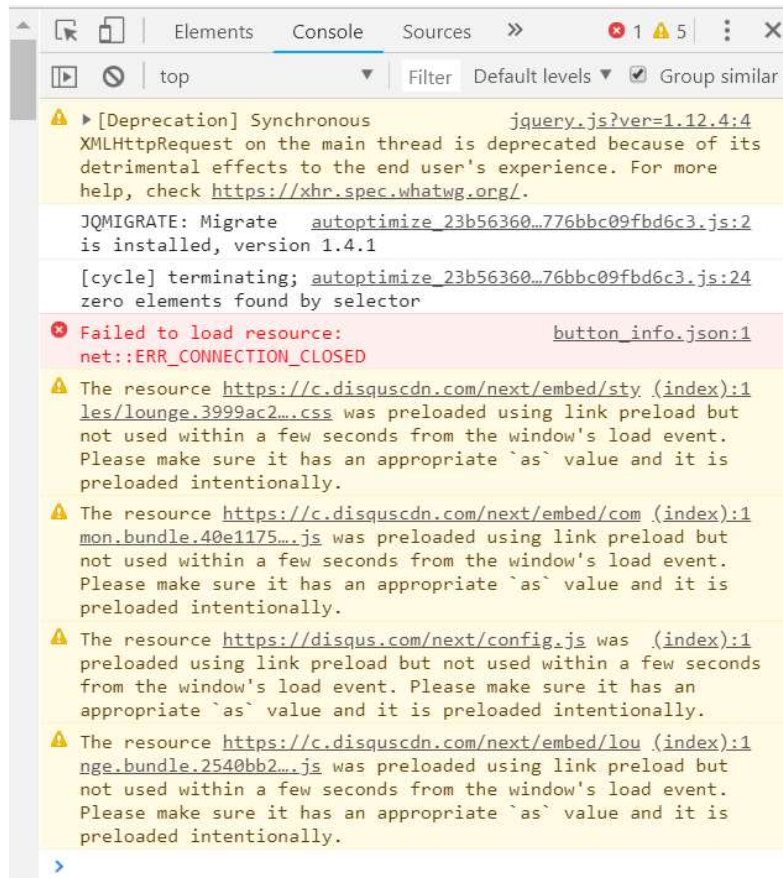7. All breakpoints will be active that involve any mouse function.

2. Step-by-step instructions on how one might log and read messages from the JavaScript console window (include screen captures)

1. Select the console tab in the devTools window.

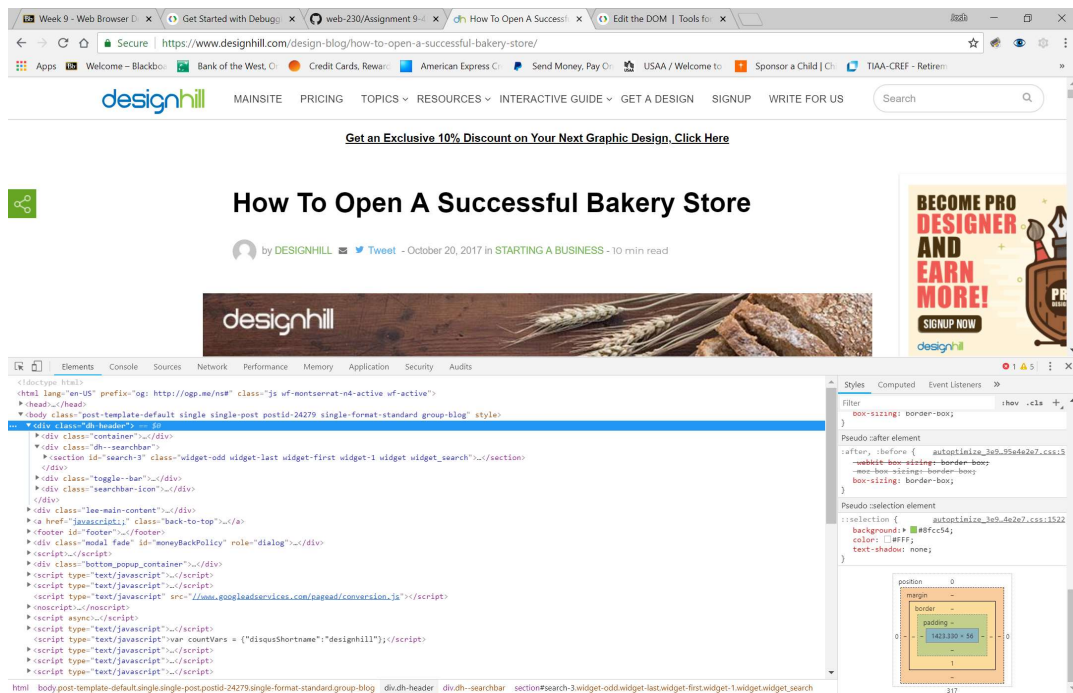2. The console window will allow you to read and log messages.

3. Step-by-step instructions on how one might select HTML elements in the JavaScript console window (include screen captures)
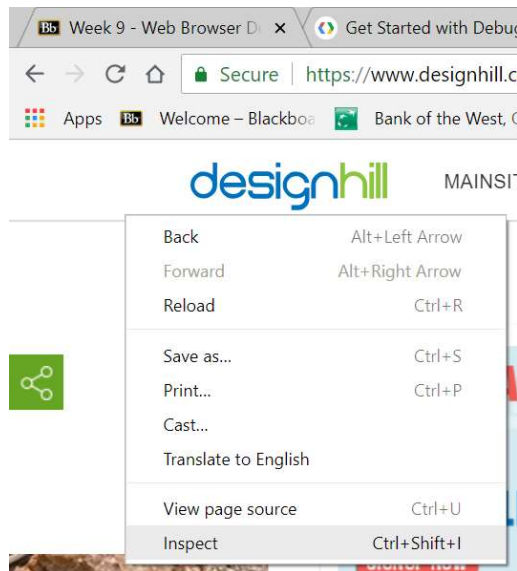
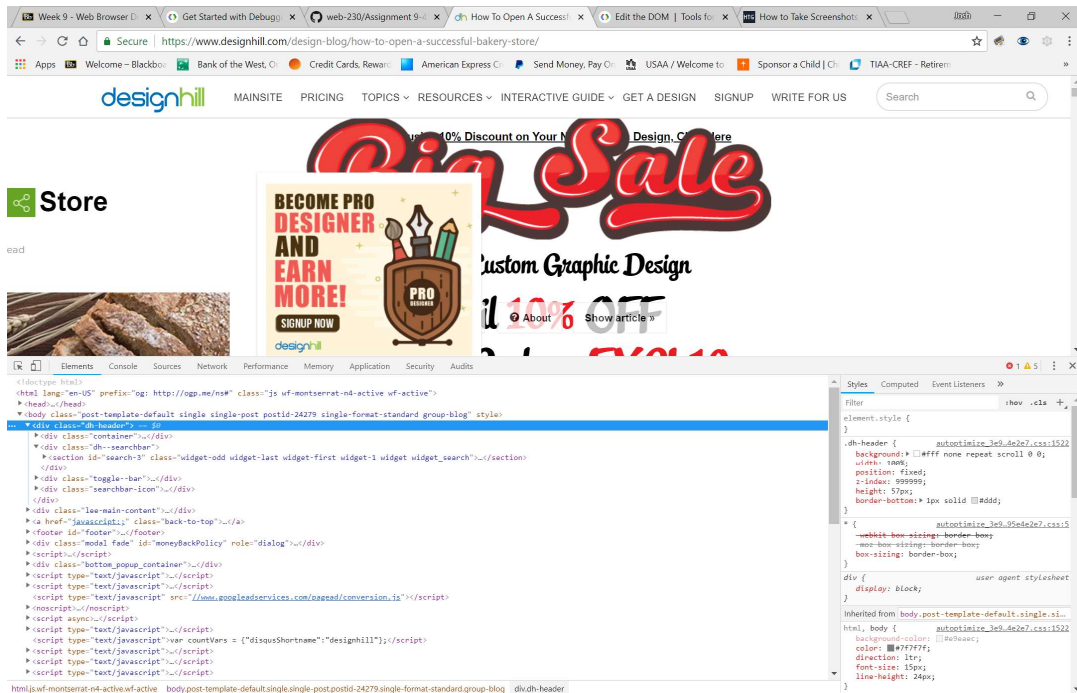1. Locate the elements tab on the devtools window.

2. You can select HTML elements by click on the element in the console window

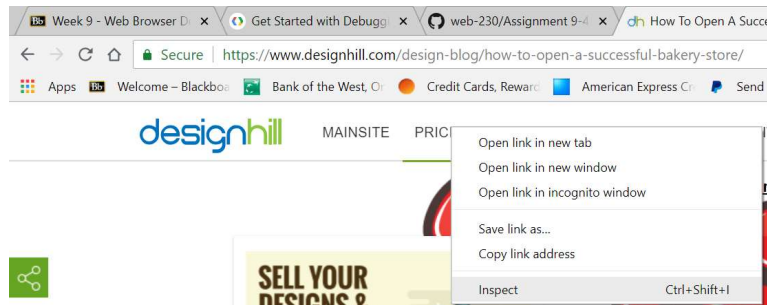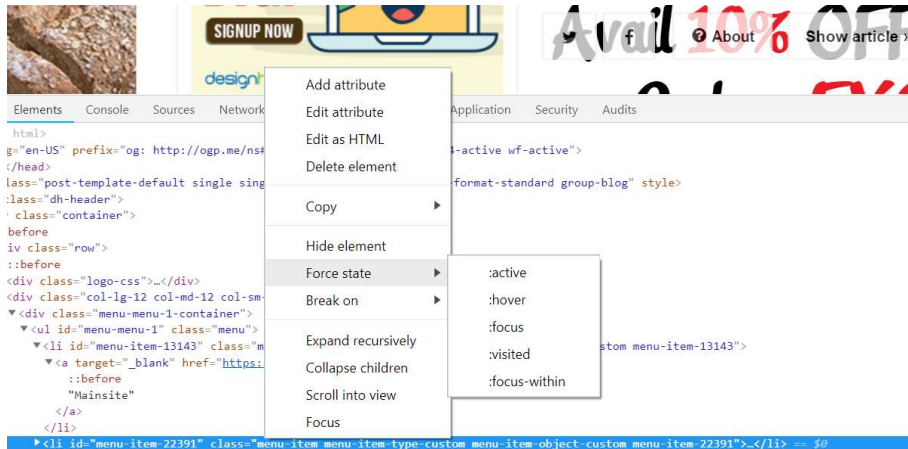3. You can also select HTML elements by right clicking and select inspect.

4. Step-by-step instructions on how one might simulate CSS states (hover, focus) on live HTML elements (include screen captures)

    a. Write the instructions as if you were talking to a six year old
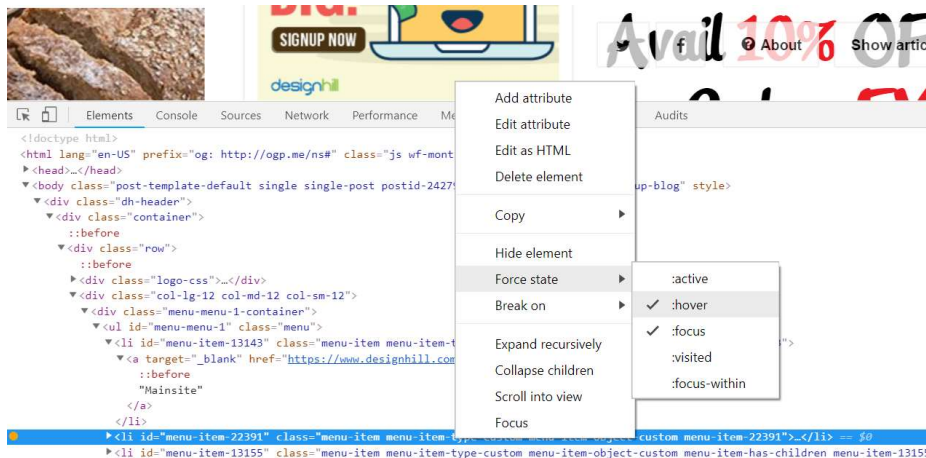
1. Right click on the element that you want to hover/focus on.

2. Right click on the highlighted element and hover over the focus state item.

3. Select the hover and focus options.

5. Copy/paste the screen captures to a single word document with the instruction