CSCI 301 Survey of Scripting Languages
Fall 2017
Lab 5 - JavaScript

Summary:
The objective of this lab assignment is to learn more about JavaScript in the web browser.

Instructions:
1. Create an account on https://codepen.io/
2. Go to this pen in my profile at http://codepen.io/derickbeckwith/pen/MpGWwe and click on the fork button to create your copy of this pen. This pen is an incomplete mortgage calculator. You will need to write some JavaScript code in your forked pen to complete the calculator. *Be sure to save your work as you go, using the Save button at the top.*
3. Find the spot in the JS pane around line 28 with the comment that says "Your Code Goes Here". This is where you will need to write your JavaScript code to do the following:
   a. Retrieve the rest of the data from the form elements (I have given you the first line of code to get the loan amount – line 23, follow this pattern to get the data for the term of the mortgage and the interest rate.
   b. Calculate the monthly mortgage payment – you will need to do some Googling to determine how this is done.
   c. Display the calculated monthly mortgage payment value in the paragraph html element at the bottom of the page with an id of "monthlyPayment". Test your code by clicking on the button "Calculate Monthly Payment".
4. Copy the url of your forked pen and paste into the text file named paste-your-codepen-io-link-here.txt that is in the same labs\lab05 folder as this pdf. It should have the form of https://codepen.io/<your_username>/pen/<random_letters> If you forget to do this step I won't be able to grade your code.
5. Commit your code changes to your repo.

   ```
   $ git add .
   $ git commit -m "lab 5"
   ```

6. Push your commits to your fork on GitHub.

   ```
   $ git push
   ```

Due: Wednesday, October 25, 11:59 PM