Web Technology and Standards

Assignment 2

Fall 2018

Assigned: 9/16/2018

Due: 10/1/2018(midnight)

Late submission: 10% reduction for each business day

Goal: Transform your assignment 1 personal site to more elegant site using bootstrap and Java Script

Caution: You are welcome to discuss with other classmates and seek help from them however all the work submitted should be your own. Cheating is not tolerated and the university academic integrity policy applies to all your work. Using any JavaScript library is not accepted for this assignment( using js libraries will reduce your grade by 30%)

# Details:

* For this assignment you need to create a responsive design for the website you created in assignment 1. The responsive design will utilize bootstrap library.
* Criteria
  + Use bootstrap guidelines
    - All the elements are in div class container
    - Utilize bootstrap grid layout
    - All your elements should have a bootstrap class for the element to be responsive
    - Make sure all images are responsive
    - Utilize breadcrumbs (<https://getbootstrap.com/docs/4.1/components/breadcrumb/>)
  + Add one page which resembles a smart document
    - makes use of JavaScript, CSS, and DOM manipulations to form an “intelligent document”. An intelligent document is a more dynamic and more interactive page than what we have created so far
    - CSS should make use of classes and inheritance
    - JavaScript should include
      * Functions
      * generation of information (e.g. date)
      * node manipulation (create node, clone node)
      * attribute or node value change
      * A reasonable array of JavaScript functionality
      * Aesthetics
        + Page clean and clear
        + Good use of graphic and layout
        + Sensible instructions and functions
        + Well commented and structured code
    - Your instructor will show few demos in class. This part of the assignment is for you to let your creativity shine.