

**Advanced Web Development and Web Scraping**  
**Spring 2020**  
**Assignment #2**

1. Complete the following parts of the CSS tutorial  
<https://www.w3schools.com/css/default.asp>:
  - a. CSS Home through CSS Position (skip CSS Outline, CSS Icons, and CSS Max-width)
  - b. CSS Float, CSS Inline Block
  - c. CSS Pseudo-class
  - d. CSS Navigation Bar and CSS Dropdowns
2. Complete the following Exercises from w3schools.com (show your Instructor during class):
  - a. CSS Selectors, Exercises 1-4
  - b. CSS Height/Width, Exercises 1-2
  - c. CSS Text, Exercises 3-4
  - d. CSS Links, Exercise 4
  - e. CSS Pseudo-classes, Exercise 2
3. Modify the web page you created for Assignment #1 as follows:
  - a. Use CSS to style the page heading and the description in a style of your choice.
  - b. Add a navbar style heading to your page, that includes "Home" and "About" links. The "Home" link should take you to the top of the page, while clicking "About" should take you to the bottom of the page which has a section describing the page creator (i.e., you). Give the navbar a fixed position so that it is always visible at the top of the page even when the user scrolls down.
  - c. Give your table header a background color, and use CSS so that each table row is highlighted when a user moves the mouse over it.
  - d. Using CSS, display information (1-2 sentences) about a product when the user moves the mouse over the product name in the table. For all products, information should be displayed somewhere on the page, but only when the user hovers over the product name. You should pick a sensible location for the location of the text, such as above the product name or in a fixed (absolute) position on the page.