

Advanced Web Development and Web Scraping
Spring 2022
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 (not collected):
 - 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. Note that you must use CSS for this step.

Note: To receive credit for the assignment, either show your instructor the assignment during class or submit the assignment through Blackboard as a “Text submission”. You can do this by copying and pasting your code (Blackboard does not accept HTML file submissions). I will look at your code and evaluate it by copying/pasting your code into Glitch.