

**Advanced Web Development and Web Scraping**  
**Spring 2022**  
**HW #1**

1. Complete all sections of the HTML tutorial from the HTML Introduction through the HTML Style Guide, except for the following:
  - a. HTML Editors
  - b. HTML Favicon
  - c. HTML iframes
  - d. HTML Layout
  - e. HTML Responsive
  - f. HTML Computer code
  - g. HTML Semantics

The following Exercises are recommended (but will not be collected):

- a. HTML Attributes, Exercises 2 and 3
  - b. HTML Headings, Exercises 1 and 3
  - c. HTML Styles, Exercises 1, 3, and 6
  - d. HTML Comments, Exercises 1 and 2
  - e. HTML CSS, Exercises 1 and 4
2. Complete all of the HTML Forms tutorials.
3. Create a web page that satisfies the following requirements:
  - a. The web page includes a table of items (*products* or *services* – see below) that has 4 columns and at least 4 rows. The columns contain the following:
    - i. a check box,
    - ii. a numeric input field (restricted to the numbers 1 – 10)
    - iii. the name of the product or service,
    - iv. a link to a web site that provides more information.
  - b. Suggestions for this table include a list of movies, a list of songs, a list of travel destinations, or a list of consumer goods, such as shoes.
  - c. Your table should use have single border around each cell, which is accomplished by using an *internal* style (including the `<style> ... </style>` section in the header) as in the following example:  
[https://www.w3schools.com/html/tryit.asp?filename=tryhtml\\_table\\_collapse](https://www.w3schools.com/html/tryit.asp?filename=tryhtml_table_collapse)
  - d. The first row should include a table header.
  - e. Below the table are two buttons for allowing the user to submit an order or reset their selections (though right now, nothing will happen when the user clicks on the buttons)
  - f. All of the *inputs* (check boxes, numeric inputs, buttons, etc) should be part of a a single form)

- g. Above the table is a brief description of the page that contains a heading and a paragraph.
- h. The web page has an appropriate title (specified in the title element).

**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.