CST8209 – Lab 8 – JQuery

Objective

In this lab you will learn how to use jQuery.

Requirements

1. Download the zipped file folder Lab8.zip

2. Extract the files and save to your computer – preferably to your course workspace folder

3. Open the Lab8 folder in your text editor (Atom)

4. You should find 1 .html and 1 .css files in the Lab8 project folder

5. You should find 1 .js file in the scripts sub folder

Todo:

1) go to the following url and download jQuery https://jquery.com/download/

   a. download the **compressed** production jQuery file: jquery-3.6.0.min.js

   b. add a reference to the jQuery file in index.html

2) use only jQuery to

   a. select the h1 element, use the .text() function to change the content of the h1 element to Lab08

   b. select the element with id="header", use .html() function to add the html code to create an h3 element and set its content to "Working with jQuery".

   c. select all the elements that have the attribute type="button", use the jQuery .each() function and the .addClass() function to change the background colour of the selected elements (use class .btn-background found in the style.css file)

   d. select the element with id="buttons", use .addClass() function to add a red border (use the .red-border style found in the style.css file)

   e. select all the "p" elements, use .each() function and the .addClass() function to change the font color to blue (use the .blue style found in the style.css file)

   f. select the element with id="first", use .on() method to add a "click" event to the selected element. The event will add a green border around the first paragraph using the jQuery :first filter(use the .green-border style found in the style.css file)

g. select the element with id="last", use .on() method to add a "click" event to the selected element. The event will add an orange border around the last paragraph using the jQuery :last filter (use the .orange-border style found in the style.css file)

h. select the element with id="prev", use .on() method to add a "click" event to the selected element. The event will select the element with id="para3" and using the .prev() methodwill add a purple border around the previous paragraph (use the .purple-border style found in the style.css file)

i. select the element with id="next", use .on() method to add a "click" event to the selected element. The event will select the element with id="para2" and using the .next() method will add a yellow border around the next paragraph (use the .yellow-border style found in the style.css file)

j. select the element with id="remove", use the jQuery .on() method to add a "click" event to the selected element. The event will use the jQuery .remove() function to remove the element with the id="footer".

Marking Scheme Rubric

This lab has a maximum mark of 3, awarded according to the following rubric.

Criteria	Mark
Superior capability. Lab submitted meets or exceeds expected standards	3
Satisfactory capability, acceptable product/result	2
Marginal capability, substandard product/result	1
No capability, unacceptable product/result. Work not submitted	0

Note that 40% of your final grade comes from the grades you obtained from your labs and assignments.