

## 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() method will 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.