

Semester VI (CS, SE) (Spring 2022) Course Instructor(s): Riaz Ali Soomro

## Lab 07: jQuery Basics

## Objective(s):

1. Learn basics of jQuery

## Lab Task(s):

## **Exercises**

1. Write a jQuery code to set the background color of a paragraph.

2. Here is a sample html file with a submit button. Write a JavaScript function to get the value of the href, hreflang, rel, target, and type attributes of the specified link (using jQuery).

3. Here is a sample html file with a submit button. Now modify the style of the paragraph text (such as fontSize, fontFamily, color, etc.) through jQuery code.

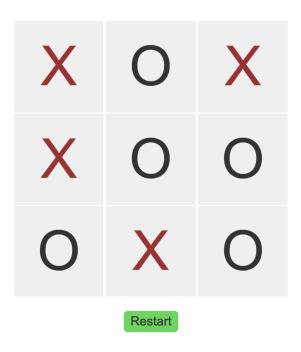
4. Write a JavaScript function to add rows to a table by using jQuery.

5. Given the following HTML, create a script.js file to complete the given tasks (using jQuery)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>DOM Exercise</title>
    <style>
        div {
          width: 50px;
          height: 50px;
          display: inline-block;
        }
        .brown{
          background-color: brown;
        }
        .green{
          background-color: green;
        .blue{
          background-color: blue;
        .purple{
          background-color: purple;
        }
        .yellow{
          background-color: yellow;
        .carl {
         background-color: #8C9C12;
        }
        .car2 {
         background-color: #1DA788;
        .car1, .car2 {
```

```
margin-left: 0;
    </style>
</head>
<body>
    <h1 id="change_heading">Change Me!</h1>
    SELECTED COLOR <span class="selected">None!</span>
    <section>
        <div class="brown"></div>
        <div class="green"></div>
        <div class="blue"></div>
        <div class="yellow"></div>
    </section>
    <h2>Race!</h2>
    <button>Start the race!</putton>
    <div class="car1"></div>
    <hr>
    <div class="car2"></div>
    <script src="script.js"></script>
</body>
</html>
```

- 1. Add the necessary code to wait for the DOM to load to make sure that anything you manipulate in the DOM has loaded. You can do this using jQuery.
- 2. Replace the text "Change me" with "Hello World!".
- 3. When a user hovers over one of the colored boxes change the text to display the color that is being hovered over.
- 4. Create a new div element.
- 5. Give your new div a class of purple and style it so that it has a background color of purple.
- 6. Append your new div to the page to the section tag.
- 6. Create a Tic Tac Toe game with two players. Following is a sample output (using jQuery).



**END**