jQuery Exercises Lab 2

jQuery

jQuery is a JavaScript framework. The purpose of this framework is to make it much easier to use JavaScript on your website. You could also describe jQuery as an abstraction layer, since it takes a lot of the functionality that you would have to write many lines of JavaScript to accomplish and wraps it into functions that you can call with a single line of code. It's important to note that jQuery does not replace JavaScript, and while it does offer some syntactical shortcuts, the code you write when you use jQuery is still JavaScript code.

Exercise 1 – Fifth jQuery

Copy and paste the following html into a text editor and save it as jq_ex5.html.

```
<!DOCTYPE html>

<html>

<head>

        <script type="text/javascript" src="https://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"></script>

        <script type="text/javascript" src="js/jquery.lab1.js"></script>

        <meta charset="utf-8">

        <title>Exercise 5 - jQuery</title>

</head>

<body>

        <select id="myselect">

                <option value="1">Option-1</option>

                <option value="2">Option-2</option>

                <option value="3">Option-3</option>

    </select>

</body>

</html>
```

Open the web page – jq_ex5.html in a web browser. Note the drop down list.

For the dropdown list as a function to js/iquery.lab1.js to ensure that Option-2 is pre-selected when the page is loaded. Comment out the other functions.

HINT: Please refer to https://api.jquery.com/ for a list of jQuery functions. See the val() function.

jQuery Exercises Lab 2

Exercise 2 – Sixth jQuery

Copy and paste the following html into a text editor and save it as jq_ex6.html.

```
<!DOCTYPE html>

<html>


<head>

        <script type="text/javascript" src="https://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"></script>

        <script type="text/javascript" src="js/jquery.lab1.js"></script>

        <meta charset="utf-8">

        <title>Exercise 6 - jQuery</title>

</head>

<body>

        <form action="">

        <input type="radio" name="sex" value="male" checked>Male<br>

        <input type="radio" name="sex" value="female">Female

        </form>

</body>

</html>
```

Open the web page – jq_ex6.html in a web browser. Note the radio buttons and that the Male radio button is preselected.

Add a function to js/iquery.lab1.js to ensure that the Female radio button is preselected. Comment out the other functions.

HINT: Please refer to https://api.jquery.com/ for a list of jQuery functions. See the attr() function.

Exercise 3 – Seventh jQuery

Copy and paste the following html into a text editor and save it as jq_ex7.html.

```
<!DOCTYPE html>

<html>


<head>
```

jQuery Exercises Lab 2

```
          <script type="text/javascript" src="https://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"></script>

          <script type="text/javascript" src="js/jquery.lab1.js"></script>

          <meta charset="utf-8">

          <title>Exercise 7- jQuery</title>
</head>
<body>
</body>
</html>
```

Open the web page – jq_ex7.html in a web browser. Note the page is blank

Add a function to js/iquery.lab1.js to append the following to the body element:

<div><h1>JQuery Appended elements</h1></div>

HINT: Please refer to https://api.jquery.com/ for a list of jQuery functions. See the appendTo() function.