

# Assignment 1

Practical Exercises on Basic jQuery Selections, Events and Html Content (15%)

## DUE DATE

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Session 6

## OBJECTIVES

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- Use jQuery to create dynamic web content.
- Use selector methods and APIs to select and filter content.
- Use the jQuery Events API to apply event handlers to web page elements.
- Use the standard jQuery API to create custom events.
- Manipulate content and attributes with jQuery methods.
- Create, access and use arrays and objects with jQuery methods.

## DESCRIPTION

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In this assignment, you will apply the techniques you have learned so far to three practical exercises. The instructions for each exercise are accompanied by the relevant code snippets. Ensure that you read all instructions carefully, prepare necessary files, write your program code, and upload your submission by the due date according to the submission instructions.

## INSTRUCTIONS

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1. ***Using jQuery write a program that finds all inputs that don't have the name "color" and appends text to the span next to it. Sample code as follows:***

```
<body>
  <div>
    <input type="radio" name="color" value="Red">
    <span>Red</span>
  </div>
  <div>
    <input type="radio" value="Cold Fusion">
    <span>Sky</span>
  </div>
  <div>
    <input type="radio" name="accept" value="Evil Plans">
    <span>Sea</span>
  </div>
  <button id="button1">Click to see the effect</button>
</body>
```

2. *Using jQuery write a program to display a message when the focus is removed from an element. Sample code as follows:*

```
<body>
  <form>
    <fieldset>
      <textarea rows="4" cols="50">
        Hello, this is a test.
      </textarea>
      <input type="button" value="Input Button">
    </fieldset>
  </form>
  <p></p>
  <button id="button1">Click to see the effect</button>
</body>
```

3. *Using jQuery write a program to display the checked attribute and property of a checkbox as it changes. Sample code as follows:*

```
<body>
  <input id="check1" type="checkbox" checked="checked">
  <label for="check1">Check me</label>
</body>
```

## SUBMISSION INSTRUCTIONS

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Your submission must include:

1. Documentation explaining the different steps you have followed in order to create these programs.
2. The source code of your program.

Work must be submitted in the correct file type and be properly labelled as per the College naming convention:

NAME\_COURSE\_ASSIGNMENT. E.g. XuXiaLing\_FM50D\_A01.

## Dynamic Web Page Development with jQuery

### GRADING CRITERIA

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Assignment Value: **15%**

Category	Grade
Exercise 1	33%
Exercise 2	33%
Exercise 3	34%
<b>Total</b>	<b>100%</b>