**ASSIGNMENT**

**MODULE: 5 (JQuery Basic, Effects & Advance)**

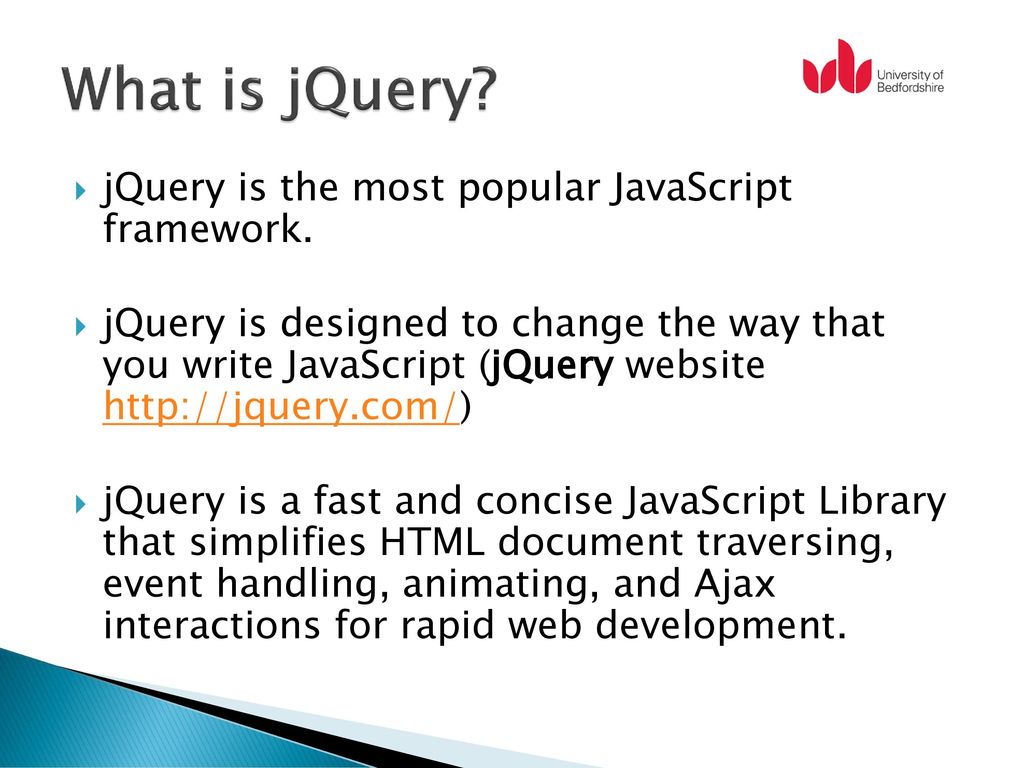
**• What is JQuery?**

jQuery is a lightweight, "write less, do more", JavaScript library.

The purpose of jQuery is to make it much easier to use JavaScript on your website.

jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.



**• How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?**

* jQuery has several methods for CSS manipulation. We will look at the following methods:
* **addClass()** - Adds one or more classes to the selected elements
* **removeClass()** - Removes one or more classes from the selected elements
* **toggleClass()** - Toggles between adding/removing classes from the selected elements
* **css()** - Sets or returns the style attribute

## JQuery css() Method

The css() method sets or returns one or more style properties for the selected elements.

### **Example**

$("p").css("background-color")

* Example Stylesheet

The following stylesheet will be used for all the examples on this page:

.important {  
  font-weight: bold;  
  font-size: xx-large;  
}  
  
.blue {  
  color: blue;  
}

## jQuery addClass() Method

The following example shows how to add class attributes to different elements. Of course you can select multiple elements, when adding classes:

### **Example**

$("button").click(function(){  
  $("h1, h2, p").addClass("blue");  
  $("div").addClass("important");  
});

## jQuery removeClass() Method

The following example shows how to remove a specific class attribute from different elements:

### **Example**

$("button").click(function(){  
  $("h1, h2, p").removeClass("blue");  
});

## jQuery Animations - The animate() Method

The jQuery animate() method is used to create custom animations.

The required params parameter defines the CSS properties to be animated.

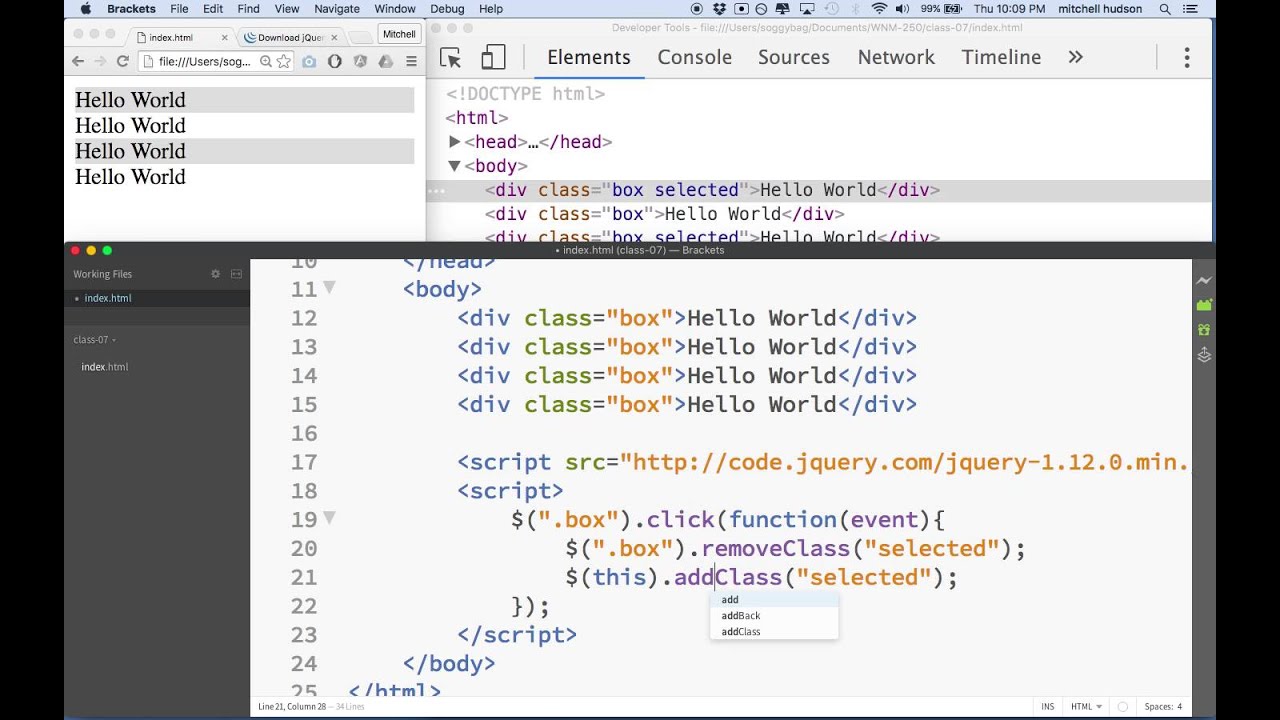
The optional speed parameter specifies the duration of the effect. It can take the following values: "slow", "fast", or milliseconds.

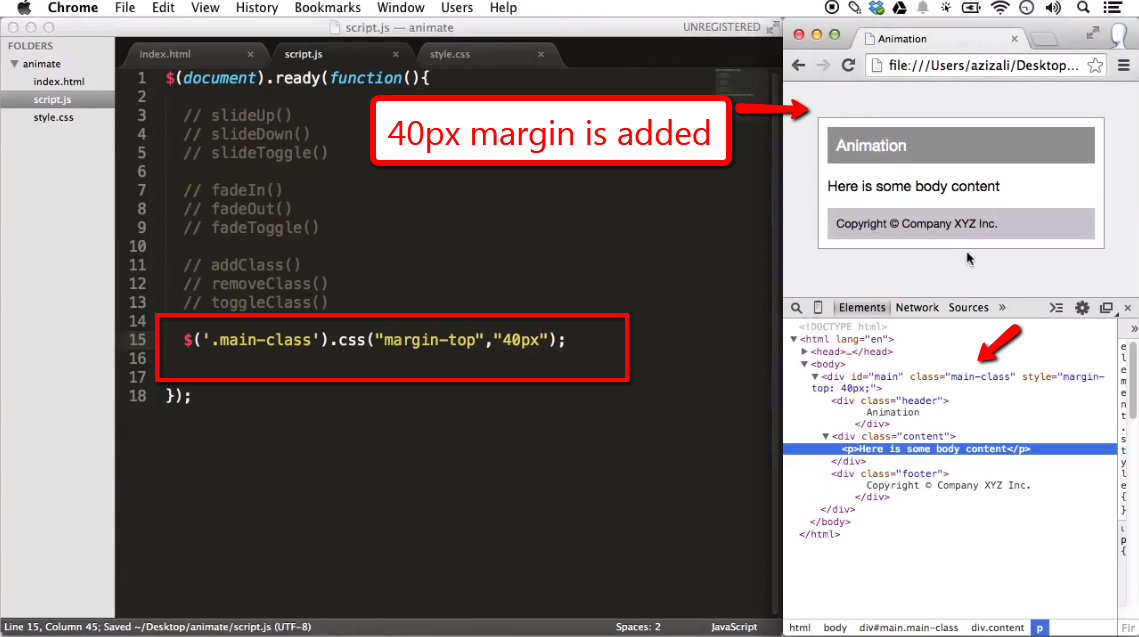
The optional callback parameter is a function to be executed after the animation completes.

The following example demonstrates a simple use of the animate() method; it moves a <div> element to the right, until it has reached a left property of 250px:

### **Example**

$("button").click(function(){  
  $("div").animate({left: '250px'});  
});





**• How to create slider with animation?**

1. Step 1: Come up with a strategy for the slider. You can make as many modifications as you want to Slider Revolution templates. ...
2. Step 2: Update the background image in each slide. ...
3. Step 3: Update the text layers in each slide. ...
4. Step 4: Edit the button text and design in each slide. ...
5. Step 5: Edit the slider navigation.



