Module (JQuery Basic, Effects & Advanced) – 5

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.

• 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 addClass() Method

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

## jQuery removeClass() Method

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

• How to create slider with animation?

jQuery has the following slide methods:

* slideDown()
* slideUp()
* slideToggle()

jQuery slideDown() method is used to slide down an element.

**Syntax:**

$(*selector*).slideDown(*speed,callback*);

The jQuery slideUp() method is used to slide up an element.

**Syntax:**

$(*selector*).slideUp(*speed,callback*);

The jQuery slideToggle() method toggles between the slideDown() and slideUp() methods.

$(*selector*).slideToggle(*speed,callback*);

• Event bubbling tickling example in jquery.

Event Bubbling is a concept in the DOM (Document Object Model). It happens when an element receives an event, and that event bubbles up (or you can say is transmitted or propagated) to its parent and ancestor elements in the DOM tree until it gets to the root element.