MODULE: 4 JQUERY

Q-1 What is jQuery?

A-1 JQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

Q-2 How to Apply CSS Using JQuery, How to Add Class and Remove Class in Jquery, JQuery Animation?

A-2 To set a specified CSS property,

use the following syntax:

css("*propertyname*","*value*");

The following example will set the background-color value for ALL matched elements:

Example

$("p").css("background-color", "yellow");

**To add class:** in jQuery, you can add a class to an element by using the addClass() method, but you can also use the attr() or prop() method to add a class to an element. $("#element"). prop("class", "new-class"); This will add the class "new-class" to the element with the ID "element".

**To remove class :** The removeClass() method removes one or more class names from the selected elements. Note: If no parameter is specified, this method will remove ALL class names from the selected elements.

**Jquery animation:**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.

Q-3 How to create slider with animation?

A-3 jQuery slideToggle() Method

If the elements have been slid down, slideToggle() will slide them up. If the elements have been slid up, slideToggle() will slide them down. $(selector).slideToggle(speed,callback); The optional speed parameter can take the following values: "slow", "fast", milliseconds.