**Module:5(jQuery Basic, Effects & Advance)**

**Question :1** What is jQuery?

**ANS:** jQuery is a fast, small, cross-platform and feature-rich JavaScript library. It is designed to simplify the client-side scripting of HTML. It makes things like HTML document traversal and manipulation, animation, event handling, and AJAX very simple with an easy-to-use API that works on a lot of different type of browsers.

**Question :2** How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?

**ANS:**

1.Add CSS to your element $ ('css\_selecttor').css ('CSS property': 'property value', 'CSS property' : 'property value');

2.By adding class defined in CSS means you can add class written in CSS file by jQuery $ ('your element').add Class ('css\_class\_name');

* **Add class In JQuery:** Add class in Jquery Jquery has method called add Class() which can be used to add one or more class to the DOM elements.
* **Remove class in JQuery :** Remove class using Jquery Jquery has method called remove Class () which can be used to remove one or more class from the DOM elements.

**JQuery Animation**: The JQuery animate () method Is used to create custom animations. The animate () method is typically used to animate numeric CSS properties for example width, height, margin,padding,opacity, top left etc. But the non-numeric properties such as color or background-color cannot be animated using the basic JQuery functionality.

**Question :3** How to create slider with animation?

**ANS:**

1. Create the HTML with a container div and the slider div.
2. In the CSS, set the slider to be offscreen by setting it with a negative left (eg -100px)
3. We then trigger the slide by using transition CSS property and set the left to be 0px;