**Assignment**

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

**1.** **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.

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

The css() method in JQuery is used to change the style property of the selected element.

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

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.

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.

**3. How to create slider with animation?**

Make a solid div.

Make the parent div to hide overflow ( overflow:hidden ) in CSS.

Assign a margin-left of 100% (or some length) that the required div hides away because of margin.

Do a jquery animate() function to bring down margin-left to 0 or 0%.