**Module (JQuery Basic, Effects & Advanced) – 5**

1. What is jQuery?

ANS. jQuery is a fast, small, and feature-rich JavaScript library.

It helps developers do common tasks like changing HTML content, handling events (like clicks), and creating animations, all with less code.

2. How to Apply CSS Using JQuery, How to Add Class and Remove Class in Jquery ,

JQuery Animation?

ANS.

**How to Apply CSS Using jQuery:**

You can use jQuery to change how things look on a webpage. For example, you can make text blue, change the font size, or set a background color using the **css()** method.

$("#myElement").css({

"color": "blue",

"font-size": "18px",

"background": "#eee"

});

### How to Add Class and Remove Class in jQuery:

jQuery makes it simple to add or remove classes from HTML elements. This is useful for changing styles or applying animations.

$("#myElement").addClass("highlight");

// Remove the class after 2 seconds

setTimeout(function() {

$("#myElement").removeClass("highlight");

}, 2000);

### jQuery Animation:

jQuery helps you create animations without writing a lot of complicated code. For instance, you can smoothly change the size or opacity of an element using the **animate()** method.

$("#myElement").animate({

opacity: 0.5,

fontSize: "24px"

}, 2000); // 2 seconds duration

3. How to create slider with animation?

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### How to Create a Slider with Animation:

You can use jQuery to make a simple image or content slider. Here's a basic example that slides content horizontally:

function slide() {

$(".slider").animate({ marginLeft: "-=200px" }, 1000, function() {

$(".slider .slide:first").appendTo(".slider");

$(".slider").css("margin-left", "0");

});

}

// Slide every 3 seconds

setInterval(slide, 3000);