

Module (JQuery Basic, Effects & Advanced) – 5

➤ What is jQuery?

- jQuery is a popular JavaScript library that simplifies things like HTML document traversal and manipulation, event handling, and animation.
- Basically, it makes it easier to write JavaScript code for making web pages more interactive and dynamic.
- It's like a toolbox full of shortcuts for common web development tasks, helping developers write code more efficiently.

➤ How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery , JQuery Animation?

- **Applying CSS Using jQuery:**

You can apply CSS styles to HTML elements using jQuery's .css() method. Here's how you do it:

// Syntax: \$(selector).css(property, value);

// Example: Set the color of all paragraphs to red

\$("#p").css("color", "red");

- **Adding and Removing Classes in jQuery:**

jQuery makes it easy to add or remove classes from HTML elements. Here's how:

// Adding a class

\$("#element").addClass("classname");

// Removing a class

\$("#element").removeClass("classname");

For example:

// Adding a class named "highlight" to all paragraphs

\$("#p").addClass("highlight");

// Removing a class named "inactive" from all buttons

\$("#button").removeClass("inactive");

- **jQuery Animation:**

jQuery provides methods for creating animations on HTML elements. The most commonly used methods are .hide(), .show(), .fadeIn(), .fadeOut(), .slideUp(), and .slideDown(). Here's how to use them:

// Example: Hide an element with a fading animation

\$("#element").fadeOut();

// Example: Slide up an element with a duration of 500 milliseconds

\$("#element").slideUp(500);

Example of jQuery Animation:

```
javascript $("#button").click(function() {
    $("#div").animate({left: '250px'});
});
```

➤ How to create slider with animation?

Code's github link:

https://github.com/Nirali325/09_Aug_Mern/tree/main/Assignment/WD%20-%20Jquery/Slider%20with%20jquery

Output:

