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

• What is JQuery?

Anwer=> 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.

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

The jQuery library contains the following features:

* HTML/DOM manipulation
* CSS manipulation
* HTML event methods
* Effects and animations
* AJAX
* Utilities

How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation? Answer=>

The **[addClass()](https://www.geeksforgeeks.org/jquery-addclass-with-examples/)**or[**removeClass()**](https://www.geeksforgeeks.org/jquery-removeclass-with-examples/)methods are used to add the CSS classes when there is a need to add to our webpage when there is some event listener or to create some kind of effect.

In this article, let us see how can we add a CSS class or remove a CSS class in jQuery.

1. addClass() - Adds one or more classes to the selected elements.
2. removeClass() - Removes one or more classes from the selected elements.
3. toggleClass() - Toggles between adding/removing classes from the selected elements.
4. css() - Sets or returns the style attribute.

**Syntax:**

* **Adding a class:**

$('selector').addClass(class\_name);

* **Removing a class:**

$('selector').removeClass(class\_name);

JQuery, JQuery Animation?

• How to create slider with animation?

Answer=>

1. Step 1: Come up with a strategy for the slider.
2. Step 2: Update the background image in each slide.
3. Step 3: Update the text layers in each slide.
4. Step 4: Edit the button text and design in each slide.
5. Step 5: Edit the slider navigation.