**Module (JQueryBasic,Effects& Advanced) – 5**

1. **What is jQuery?**

**Ans :** [jQuery is a**small, light-weight and fast JavaScript library**](https://www.bing.com/ck/a?!&&p=a051a042d482b82dJmltdHM9MTcxOTI3MzYwMCZpZ3VpZD0yZWVkZTM3OC01MjAwLTZkNTYtMDQzYy1mMDE1NTM5YjZjZjUmaW5zaWQ9NTkxMg&ptn=3&ver=2&hsh=3&fclid=2eede378-5200-6d56-043c-f015539b6cf5&psq=%e2%80%a2+What+is+jQuery%3f++&u=a1aHR0cHM6Ly93d3cuamF2YXRwb2ludC5jb20vd2hhdC1pcy1qcXVlcnk&ntb=1)

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

**Ans :**To apply CSS using jQuery, select the element(s) using jQuery selectors like $('Selector') and use the .CSS() method to set CSS properties.

In jQuery, you can add and remove classes from HTML elements using the .addClass() and .removeClass() methods respectively.

jQuery AnimationUse methods like .fadeOut(), .slideUp(), and .animate() to create animations on HTML elements.

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

Ans :To create a slider with animation using jQuery:

1. **HTML Structure**: Create a container (slider-container) for the slider with a nested slider-images div to hold slides (slidedivs containing images). Include navigation buttons (prev and next) within a controls div.
2. **CSS Styling**: Use CSS to style the slider container, slides, images, and navigation buttons. Apply transitions and positioning as needed for the slider and controls.
3. **jQuery Script**:

**Initialization**: Select elements using jQuery.

**Navigation Handling**: Use event handlers (click() function) on prev and next buttons to animate slides.

**Animation**: Use jQuery methods like animate() or CSS transitions (css() method for changing transform property) to slide the images smoothly.

**Looping**: Implement logic to loop through slides and handle boundaries (first to last slide and vice versa).