**• What is jQuery?**

* jQuery is an open-sourced JavaScript library that simplifies creation and navigation of web applications. Specifically, jQuery simplifies HTML Document Object Model (DOM) manipulation, Asynchronous JavaScript and XML (Ajax) and event handling.

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

* **To Change CSS using JQuery this are the syntax of it ;**

$().css(propertyname, value);

$().css(properties);

* **To Add class and Remove class using JQuery this are the syntax of it ;**  
  **To Add class –**

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

**To Remove class –**

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

* **JQuery Animation**

The jQuery animate() method is used to create custom animations.

**Syntax:**

$(selector).animate({params},speed,callback);

The required params parameter defines the CSS properties to be animated.

**• How to create slider with animation?**

* **1.) Include the jQuery library in the document**

**2.) Set up the slide HTML structure**:

**3.) Add CSS styles**:

**4.) Write the jQuery scripts**: