# MODULE : 5 (JQUERY Basic, Effect and advance)

**1) What is J query?**

**Ans :** J query is Light weight, "Write Less, Do more", Java script Library.

purpose of J query is to make it easier to use java script i your website.

it also simplifies complicated things from java script like AJAX call and DOM Manipulation.

**2) How to apply CSS using J Query, How to Add class and Remove Class in J Query, J Query Animation?**

**Ans :** To add the CSS classes to an element we use add Class () method, and to remove the CSS classes we use remove Class () method. Syntax: The syntax for adding CSS classes to an element: $ ('selector').add Class (class\_name); The syntax for Removing CSS classes to an element: $ ('selector').remove Class (class\_name);

i)the J query css() method sets or returns one or more style properties for the selected elements.

To return the value of a specified CSS property, use the following syntax:

Css ("propertyname");

To set a specified CSS property, use the following syntax:

css("propertyname","value");

To set multiple CSS properties, use the following syntax:

css({"propertyname":"value","propertyname":"value",...});

 ii)Adding class and Removing Class in JQuery

Add Class :$('selector').addClass(class\_name);

Remove Class :$('selector').removeClass(class\_name);

iii)Jquery Animation

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

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

**3)How to Create Slider with Animation.**

<!Doctype html>

<head>

@keyframes slide

        {

             0%{left:0%;}

            9%{left:0%;}

            18%{left:-100%;}

            27%{left:-100%;}

            36%{left:-200%;}

            45%{left:-200%;}

            54%{left:-300%;}

            63%{left:-300%;}

            72%{left:-400%;}

      81%{left:-400%;}

90%{left:-500%;}

100%{left:-500%;}

        }

        #slider

        {

           overflow: hidden;

        }

        #slider figure

        {

            position:relative;

            width:600%;

            margin:0px;

            left:0px;

            text-align:left;

            animation: 30s slide infinite;

        }

        #slider figure img

        {

            float:left;

          width:16.6666%;

            height:50%;

        }

       </head>

<body>

<div id="slider">

  <figure id="slidy">

<img src="slide.jpg" />

<img src=" slide1.jpg" />

<img src=" slide2.jpg" />

<img src=" slide3.png" />

<img src="slide4.jpg" />

  <img src=" slider5.jpg" />

</figure>

</div>

</body>

</html>