**• What is jQuery?**

1. jQuery is a lightweight, "write less, do more", JavaScript library.
2. The purpose of jQuery is to make it much easier to use JavaScript on your website.
3. 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.
4. jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

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

**Ans 1) applying CSS in jQuery**

 <script>

        $('document').ready(function()

        {

            $('box1').click(function()

            {

                $('body').css({backgroundcolor:red})

            })

        })

    </script>

**2) Add Class and Remove Class in Jquery**

The addClass() and removeClass() methods are respectively used to add and remove the CSS classes when there is a need to add or remove them from the webpage on the occurrence of an event.

// Adding class using addClass()

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

// Adding class using removeClass()

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

**3) applying Animation in jquery**

Syntax:

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

<script>

$(document).ready(function(){

$("button").click(function(){

$("div").animate({left: '250px'});

});

});

</script>