• What is jQuery?

Ans jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. It's often used to simplify the process of writing JavaScript code and to enhance the interactivity and responsiveness of websites. With jQuery, developers can achieve complex tasks with fewer lines of code compared to traditional JavaScript. Though its popularity has decreased somewhat with the advent of modern JavaScript frameworks like React and Angular, jQuery is still widely used, especially in legacy projects and by developers who prefer its simplicity and broad browser compatibility.

• 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>