**JQUERY Assignment**

1. What is jQuery?

Ans: - JQuery is JavaScript library. JQuery greatly simplifies JavaScript programing. JQuery is easy to learn. The using of jQuery is to make it much easier to use JavaScript on your website.

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

Ans: - CSS in Jquery

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.1/jquery.min.js"

        integrity="sha512-v2CJ7UaYy4JwqLDIrZUI/4hqeoQieOmAZNXBeQyjo21dadnwR+8ZaIJVT8EE2iyI61OV8e6M8PP2/4hpQINQ/g=="

        crossorigin="anonymous" referrerpolicy="no-referrer"></script>

</head>

<body>

    <!-- CSS APLLY IN jquery -->

    <h1>Lorem ipsum dolor sit amet consectetur adipisicing elit. Reprehenderit, commodi.</h1>

    <script>

        $(document).ready(function () {

            $("h1").css("background-color", "blue")

        })

    </script>

</body>

</html>

JQuery 4 type of add class

* append
* prepend
* before
* after

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        crossorigin="anonymous" referrerpolicy="no-referrer"></script>

</head>

<body>

     <!-- ADD CLASS IN JQUERY -->

    <h1>I AM HEADING</h1>

    <button id="demo">CLICK ME</button>

    <script>

        $(document).ready(function () {

            $("#demo").click(function () {

                $("h1").append("<b> I AM APPEND</b> ")

            })

            $("#demo").click(function () {

                $("h1").prepend("<b> I AM PREPEND</b> ")

            })

            $("#demo").click(function () {

                $("h1").before("<b> I AM BEFORE</b> ")

            })

            $("#demo").click(function () {

                $("h1").after("<b> I AM AFTER</b> ")

            })

        })

        </script>

</body >

</html >

Remove Class In Jquery.

<!DOCTYPE html>

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<head>

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    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.1/jquery.min.js" integrity="sha512-v2CJ7UaYy4JwqLDIrZUI/4hqeoQieOmAZNXBeQyjo21dadnwR+8ZaIJVT8EE2iyI61OV8e6M8PP2/4hpQINQ/g==" crossorigin="anonymous" referrerpolicy="no-referrer"></script>

</head>

<body>

    <!-- Remove Class In jquery -->

    <h1>Remove All this Data </h1>

    <button>remove</button>

    <script>

        $(document).ready(function(){

        $("button").click(function(){

        $("h1").remove() })

        })

        </script>

</body>

</html>

JQuery Animation

<!DOCTYPE html>

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        integrity="sha512-v2CJ7UaYy4JwqLDIrZUI/4hqeoQieOmAZNXBeQyjo21dadnwR+8ZaIJVT8EE2iyI61OV8e6M8PP2/4hpQINQ/g=="

        crossorigin="anonymous" referrerpolicy="no-referrer"></script>

</head>

<style>

    #one {

        background-color: red;

        height: 100px;

        width: 100px;

        border-radius: 50px;

        position: relative;

    }

</style>

<!-- jquery Animation -->

<body>

    <div id="one"></div>

    <button> Move Box </button>

    <script>

        $(document).ready(function () {

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

                $("#one").animate({ left: '100px' }, "slow")

            })

        })

    </script>

</body>

</html>

1. How to create slider with animation?

Ans: - Slider with animation

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    <title>Document</title>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>

</head>

<style>

    #one {

        background-color:blue;

        height: 100px;

        width: 350PX;

    }

</style>

<body>

    <div id="one"></div>

    <br>

    <button id="UP"> SLIDE UP</button>

    <button id="DOWN"> SLIDE DOWN</button>

    <button id="TOGGLE"> TOGGLE</button>

    <script>

        $(document).ready(function () {

            $("#UP").click(function () {

                $("#one").slideUp()

            })

            $("#DOWN").click(function () {

                $("#one").slideDown()

            })

            $("#TOGGLE").click(function () {

                $("#one").slideToggle()

            })

        })

    </script>

</body>

</html>