## Q1. What is jquery?

Ans: Jquery is a “write less do more”, javascript library. The purpose of jquery

Is to make it much easier write javasript on your website jquery takes

a lot of common tasks that require many lines of JavaScript code to acco-

-mplish , and wraps them into methods that you can call with a single line

of code.

## Q3. How to Apply CSS Using JQuery, How to Add Class and Remove Class in Jquery , JQuery Animation?

Ans :-

## Adding CSS with jquery:-

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>css</title>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.0/jquery.min.js"></script>

</head>

<body>

    <div style="text-align: center;">styling document with JQUERY</div>

    <script>

        // adding CSS

        $(document).ready(function() {

            $("div").css({"background-color":"aqua","padding":"10rem",

"font-size":"4rem","color":"darkblue"})

        })

    </script>

</body>

</html>

## Adding Animation with jquery .

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>Document</title>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.0/jquery.min.js"></script>

    <style>

        div {

            height: 100px;

            width: 100px;

            background: #308aba;

            margin-top: 20px;

            position: relative;

        }

    </style>

</head>

<body>

    <div>this is animation</div>

    <button>click</button>

    <script>

        $(document).ready(function () {

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

                $("div").animate({"fontSize": "30px" })

            })

        })

    </script>

</body>

</html>

## Removing and Adding class with jquery

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

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

    <title>add class</title>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.0/jquery.min.js"></script>

    <style>

        .one {

            height: 200px;

            width: 200px;

            border: 5px solid #b9b0b0;

        }

        .bg{

            background: #e27676;

        }

        /\* making a class to add and remove  \*/

    </style>

</head>

<body>

    <button id="add">add</button> <button id="remove">remove</button>

    <!-- taking two buttons to add and remove class  -->

    <div class="one"></div>

    <!-- div in which styling of class will be added or removed -->

    <script>

        $(document).ready(function () {

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

                $("div").addClass("bg")

            })

        })

        // adding class onclick

        $(document).ready(function () {

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

                $("div").removeClass("bg")

            })

        })

        // removing class onclick

    </script>

</body>

</html>

## Q3. Create slider animation with jquery.

Ans:-

## HTML , CSS AND JQUERY FOR SLIDER:-

<!DOCTYPE html>

<html lang=&quot;en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Document</title>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<!-- cycle.min.js -->

<script src="https://malsup.github.io/jquery.cycle.all.js"></script>

</head>

<body>

<div id="slide">

<img src="images/1.jpg" height="312px" width="450px" class="slider">

<img src="images/2.jpg" height="312px" width="450px" class="slider">

<img src="images/3.jpg" height="312px" width="450px" class="slider">

</div>

<!-- slider apply here -->

<script type="text/javascript">

$(document).ready(function()

{

$("#slide").cycle("fade");

$("#slide img").css("overflow-y","hidden");

});

</script>

</body>

</html>

End’s Here