**jQuery Assignment**

**Module – 5**

1. **What is jQuery?**

* jQuery is a lightweight and fast JavaScript library.
* The purpose of jQuery is to make it easy to use JavaScript on your website.
* jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation.

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

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Document</title>

</html><script src="https://code.jquery.com/jquery-3.7.1.min.js"

        integrity="sha256-/JqT3SQfawRcv/BIHPThkBvs0OEvtFFmqPF/lYI/Cxo=" crossorigin="anonymous"></script>

    <title>Document</title>

    <style>

        .tex {

            padding: 15px 8px;

            width: 55%;

            text-align: center;

            background-color: green;

            margin: 0 auto;

        }

        .two h1{

            text-align: center;

            margin: 0 auto;

            padding: 20px 0;

        }

        .box{

            margin: 20px auto;

            height: 200px;

            width: 200px;

            background-color: blue;

            position: relative;

        }

    </style>

</head>

<body>

    <div class="main">

        <div class="two">

            <h1>jQuery Question Two</h1>

        </div>

        <div class="tex">

            <h3>Add class, Remove class, Animation.</h3>

            <br>

            <p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Nam soluta maxime praesentium numquam. Nemo

                odit sed, est fugit porro, praesentium velit, veniam itaque dolores deserunt non? Id, at enim? In?</p>

            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Dolor laudantium voluptates incidunt, illo

                architecto voluptate aperiam quaerat cum maiores enim placeat amet odit optio in minus quas voluptatibus

                doloribus asperiores.</p>

        </div>

        <div class="box"></div>

    </div>

    <script>

        $(document).ready(function () {

            // Apply CSS using add class.....

            $(".sub").addClass("font");

            // Remove CSS using remove class......

            $(".head").removeClass("head");

            // jQuery Animation........

            $(".box").animate({

                width: "300px",

                height: "300px",

            }, 1000);

        });

    </script>

1. **How to cheate slider with animation ?**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="utf-8" />

    <title>Swiper demo</title>

    <meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1, maximum-scale=1" />

    <!-- Link Swiper's CSS -->

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css" />

    <style>

        html,

        body {

            position: relative;

            height: 90%;

        }

        body {

            background: #fff;

            font-family:  Helvetica sans-serif;

            font-size: 14px;

            color: #000;

            margin: 0;

            padding: 0;

        }

        .swiper {

            width: 100%;

            height: 100%;

        }

        .swiper-slide {

            text-align: center;

            font-size: 16px;

            background: #7d7c7c;

            display: flex;

            justify-content: center;

            align-items: center;

        }

        .swiper-slide img {

            display: block;

            width: 100%;

            height: 100%;

            object-fit: cover;

        }

    </style>

</head>

<body>

    <div class="swiper mySwiper">

        <div class="swiper-wrapper">

            <div class="swiper-slide">Slide 1</div>

            <div class="swiper-slide">Slide 2</div>

            <div class="swiper-slide">Slide 3</div>

            <div class="swiper-slide">Slide 4</div>

            <div class="swiper-slide">Slide 5</div>

            <div class="swiper-slide">Slide 6</div>

            <div class="swiper-slide">Slide 7</div>

            <div class="swiper-slide">Slide 8</div>

            <div class="swiper-slide">Slide 9</div>

        </div>

        <div class="swiper-pagination"></div>

    </div>

    <script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.js"></script>

    <script>

        var swiper = new Swiper(".mySwiper", {

            slidesPerView: 4,

            spaceBetween: 30,

            centeredSlides: true,

            pagination: {

                el: ".swiper-pagination",

                clickable: true,

            },

        });

    </script>

</body>

</html>