**MODULE : 5 (JQuery Basic ,Effects and Advance)**

**1. What is JQuery ?**

**Ans :-** jQuery is a JavaScript library that simplifies the process of working with HTML documents, handling events, creating animations, and making AJAX requests.

It provides a simple and concise syntax for performing common tasks and works seamlessly across different browsers.

jQuery is widely used in web development and is considered one of the most popular JavaScript libraries.

**2. How to apply CSS using JQuery ,How to Add class and Remove class in JQuery, JQuery Animation ?**

**Ans :-** Applying CSS using Jqery:

<!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://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

<script>

$(document).ready(function()

{

$(".b1").click(function()

{

$("p").css("background-color","red")

$("p").css("color","yellow")

})

$("div").click(function()

{

})

})

</script>

</head>

<body>

<p>Please Change My color</p>

<button class="b1">css</button>

<button class="b2">Animation</button>

<div></div>

</body>

</html>

**ADD class and Remove Class :-**

<!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://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script>

$(document).ready(function()

{

$(".b1").click(function()

{

$("h1").addClass("class")

})

$(".b2").click(function()

{

$("h1").removeClass("class")

})

})

</script>

<style>

.class

{

color: blue;

}

</style>

</head>

<body>

<h1>

Comapny Name

</h1>

<p>

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Quidem suscipit eius illum, impedit a culpa delectus ipsum eligendi adipisci, id harum quam, possimus ut eum consequuntur totam ab. Quibusdam, reiciendis?

</p>

<button class="b1">Add CSS</button>

<button class="b2">Remove CSS</button>

</body>

</html>

**Jquery Animation**

<!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://ajax.googleapis.com/ajax/libs/jquery/3.6.1/jquery.min.js"></script>

<style>

div

{

height: 150px;

width: 150px;

background-color: blue;

left: 50%;

position: relative;

}

</style>

</head>

<body>

<button>Left</button>

<div>

</div>

<script>

$(document).ready(function()

{

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

{

$("div").animate({left:'50'});

})

})

</script>

</body>

</html>

**3. How to create slider with Animation ?**

**Ans :-**

<!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://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>