MODULE: 7

(JQuery Basic, Effects & Advanced)

1] What is jQuery?

A] JQuery is a lightweight, write less do more javascript library. The purpose of jQuery is to make it much easier to use javascript on your website.

2] How to Apply CSS Using JQuery, How to Add Class and Remove Class in JQuery, JQuery Animation?

A]

* To apply css using jQuery, method is css().
* <!DOCTYPE html>
* <html lang="en">
* <head>
* <meta charset="UTF-8">
* <meta name="viewport" content="width=device-width, initial-scale=1.0">
* <title>Document</title>
* </head>
* <body>
* <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>>
* <script>
* $(document).ready(*function*(){
* $("button").click(*function*(){
* alert("Background color = " + $("p").css("background-color"));
* });
* });
* </script>
* <h1>Hii This is Thakkar Vrunda</h1>
* <p style="background-color: fuchsia;">Hii This is Thakkar Vrunda</p>
* </body>
* </html>
* *Output:*

**Hii This is Thakkar Vrunda**

Hii This is Thakkar Vrunda

* To add and remove css in jQuery we can use addClass() And for removing we can use removeClass().
* <!DOCTYPE html>
* <html lang="en">
* <head>
* <meta charset="UTF-8">
* <meta name="viewport" content="width=device-width, initial-scale=1.0">
* <title>Document</title>
* <style>
* .important {
* *font-weight*: bold;
* *font-size*: xx-large;
* }
* .blue {
* *color*: blueviolet;
* }
* </style>
* </head>
* <body>
* <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>>
* <script>
* $(document).ready(*function*(){
* $("button").click(*function*(){
* $("h1, h2, p").addClass("blue")
* $("div").addClass("important")
* })
* })
* </script>
* <h1>Thakkar</h1>
* <h2>Vrunda</h2>
* <button>Class</button>
* </body>
* </html>
* For 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>
* <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.0/jquery.min.js"></script>
* <style>
* div{
* *height*: 100px;
* *width*: 100px;
* *background-color*: cornflowerblue;
* *position*: relative;
* *transition*: all 2s ease;
* }
* </style>
* </head>
* <body>
* <div>ujsd</div>
* <button>xyz</button>
* <script>
* $(document).ready(*function* () {
* $("button").click(*function* () {
* $("div").animate({"font-size": "50px","left":"250px"}).css({"width":"250px","background-color": "red"})
* })
* })
* </script>
* </body>
* </html>

3] How to create slider with animation?

A]

<!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/3.7.0/jquery.min.js"></script>

<style>

div{

height: 200px;

background-color:darkgoldenrod;

}

.two{

display: none;

}

div{

height: 100px;

width: 100px;

background-color: rgb(40, 134, 134);

position: relative;

transition: all 2s ease;

}

</style>

</head>

<body>

<button>stop</button>

<div class="one">ABC</div>

<div class="two">XYZ</div>

<div>jjj</div>

<button>xyz</button>

<script>

$(document).ready(function () {

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

$("div").animate({"font-size": "60px","left":"250px"}).css({"width":"250px","background-color": "yellow"})

})

})

<script>

$(document).ready(function () {

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

$(".two").slideToggle(2000)

})

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

$(".two").stop()

})

})

</script>

</body>

</html>