

## MODULE (jQuery Basic, Effects & Advance)

### 1. What is JQuery?

**Ans.** jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

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

**Ans.**

#### css using 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://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 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")
            })
        })
    </script>

```

```

        $(".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>
```

```
    })  
  })  
</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">  
      
      
      
  </div>  
  
  <!-- slider apply here -->
```

```
<script type="text/javascript">
    $(document).ready(function()
    {
        $("#slide").cycle("fade");
        $("#slide img").css("overflow-y","hidden");
    });
</script>
</body>
</html>
```