



# DOM

getElementById



# Obtaining access to Html Element via it's id.



Text before button click

Click Me

This program shows how to set id attribute of an html element ( In this case a paragraph). How to access the DOM object corresponding to that element using ***document.getElementById*** method.

```
<!DOCTYPE html>
<html>
  <head>
    <title>Learning DOM at Rajesh Patkar Institute</title>
    <meta charset="UTF-8">
    <meta name="viewport"
      content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <h1> Obtaining access to Html Element via it's id.</h1>
    <p id="p1">
      Text before button click
    </p>
    <button onclick="doJob()">Click Me</button>
    <script>
      function doJob()
      {
        var para = document.getElementById("p1");
        para.innerHTML = "Text after button click";
      }
    </script>
  </body>
</html>
```

Direction





# Directions using if.

Stage 1

```
<!DOCTYPE html>

<html>
  <head>
    <title>TODO supply a title</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  </head>
  <body>
    <details>
      <summary> Stage1 </summary>
      <div>
        <h1>Directions using if.</h1>
        <h2>Stage1.</h2>
        <p id="p1">
          Directions
        </p>
        <button onclick="doJob()">Click Me</button>
      </div>
      <script>
        var countVals = {
          1 : "Move Left",
          2 : "Move Right",
          3 : "Move Up",
          4 : "Move Down"
        };

        var count = 0;

        function doJob()
        {
          var para = document.getElementById("p1");
          para.innerHTML = countVals[++count];
          para.style.background = "rgb(" + count * 50+50 +
", " + count*50 + ", " + count * 2+30 + ")" ;
          if(count == 4)
          {
```



```

        count = 0;
    }

}
</script>
</details>
<br>
</body>
</html>

```

## ▼ Stage2

# Directions using % operator.

## Stage2

Directions

```

<!DOCTYPE html>

<html>
  <head>
    <title>TODO supply a title</title>
    <meta charset="UTF-8">
    <meta name="viewport"
      content="width=device-width, initial-
scale=1.0">
  </head>
  <body>
    <details>
      <summary> Stage2 </summary>
      <div>
        <h1> Directions using % operator.</h1>
        <h2> Stage2 </h2>
        <p id="p2">
          Directions
        </p>
        <button onclick="doJob2()">Click Me</button>
      </div>
    <script>
      var countVals = {
        1: "Move Left",
        2: "Move Right",
        3: "Move Up",
        4: "Move Down"
      }
    </script>
  </body>
</html>

```

```
};

var count = 0;

function doJob2()
{
    var para = document.getElementById("p2");
    para.innerHTML = countVals[count = count++ % 4 +
1];
    para.style.background = "rgb(" + count * 50 + 50 +
"," + count * 50 + "," + count * 2 + 30 + ")";
}
</script>

</details>
</body>
</html>
```

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