

Web Technology Lab – 4

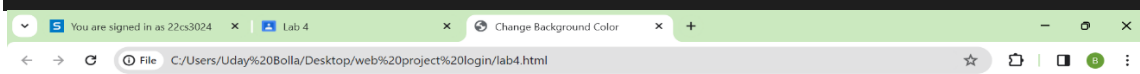
Name – Uday Bolla

Roll.no – 22cs3024

```
T1) <!DOCTYPE html>

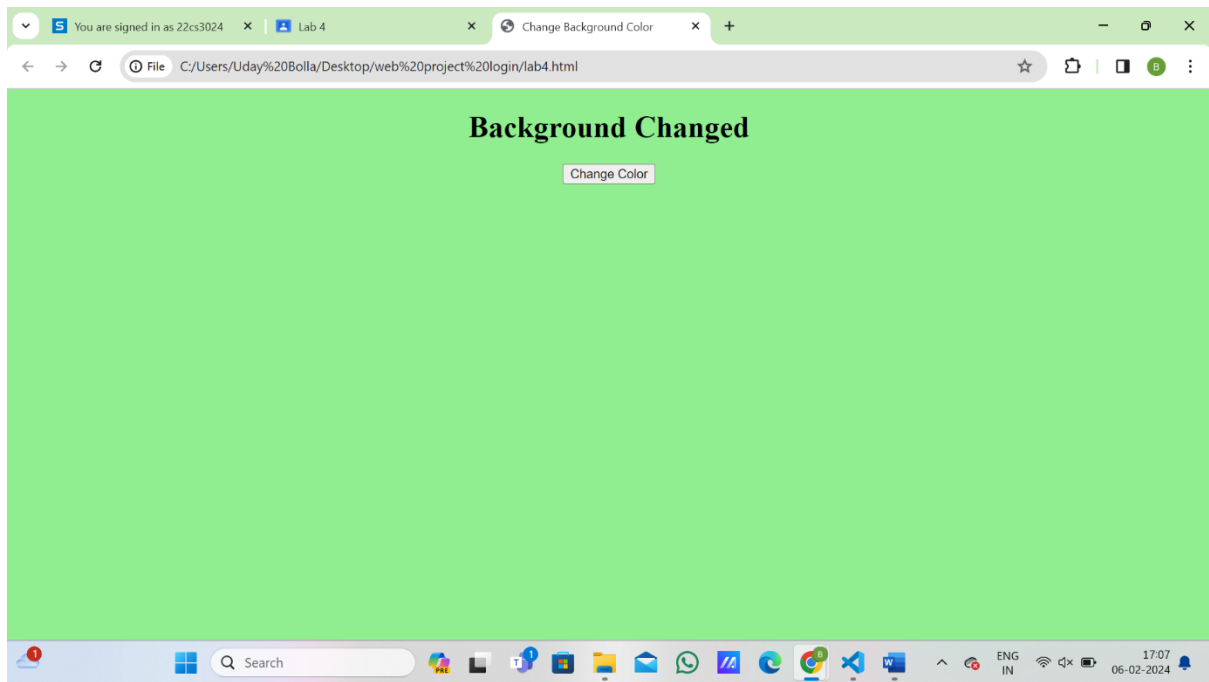
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Change Background Color</title>
<style>
  body {
    background-color: #ffffff;
    text-align: center;
  }
</style>
</head>
<body>
<h1 id="heading">Change Background Color</h1>
<button onclick="changeColor()">Change Color</button>

<script>
function changeColor() {
  document.body.style.backgroundColor = "lightgreen";
  document.getElementById("heading").innerText = "Background Changed";
}
</script>
</body>
</html>
```



Change Background Color

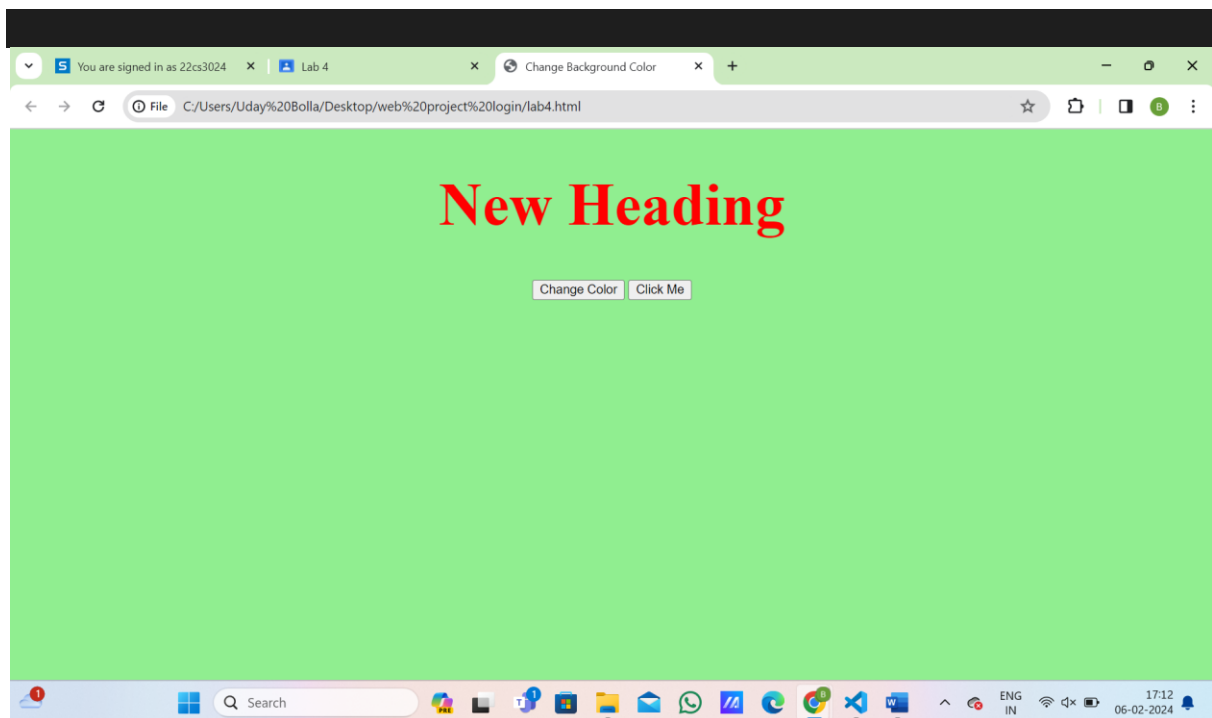
Change Color



```
T2) <!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Change Background Color</title>
<style>
  body {
    background-color: #ffffff;
    text-align: center;
  }
</style>
</head>
<body>
<h1 id="heading">Change Background Color</h1>
<button onclick="changeColor()">Change Color</button>

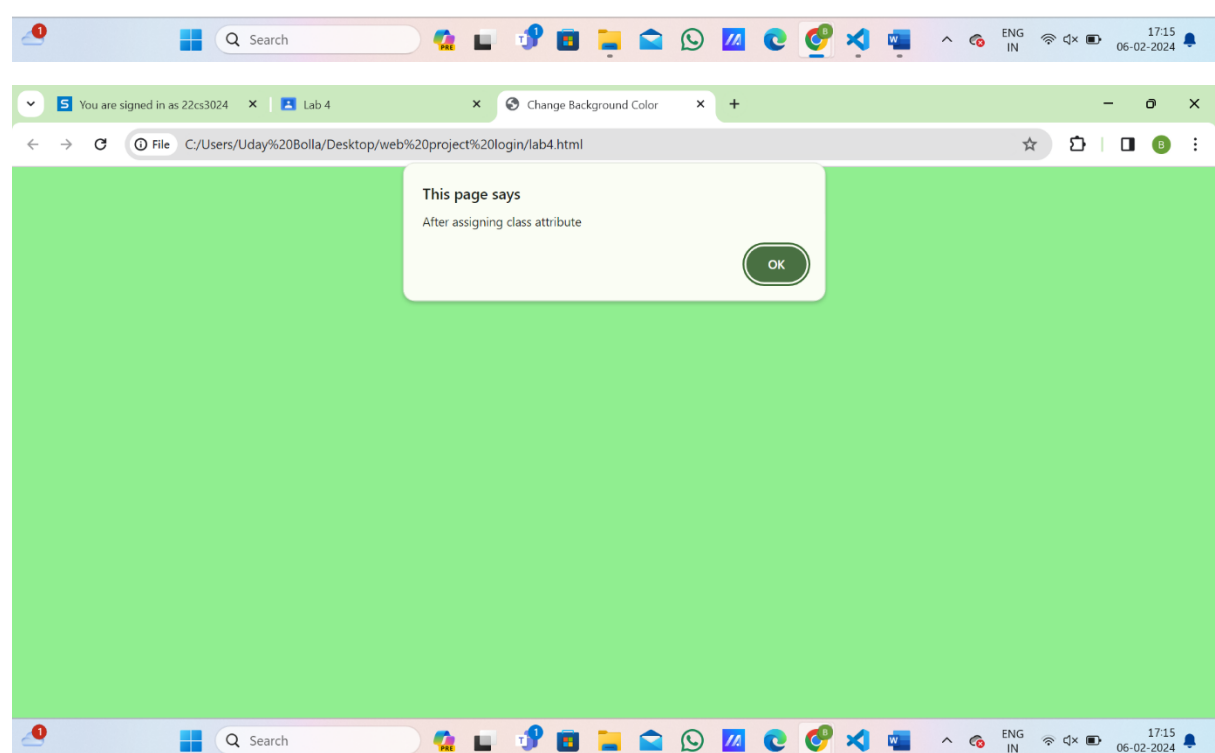
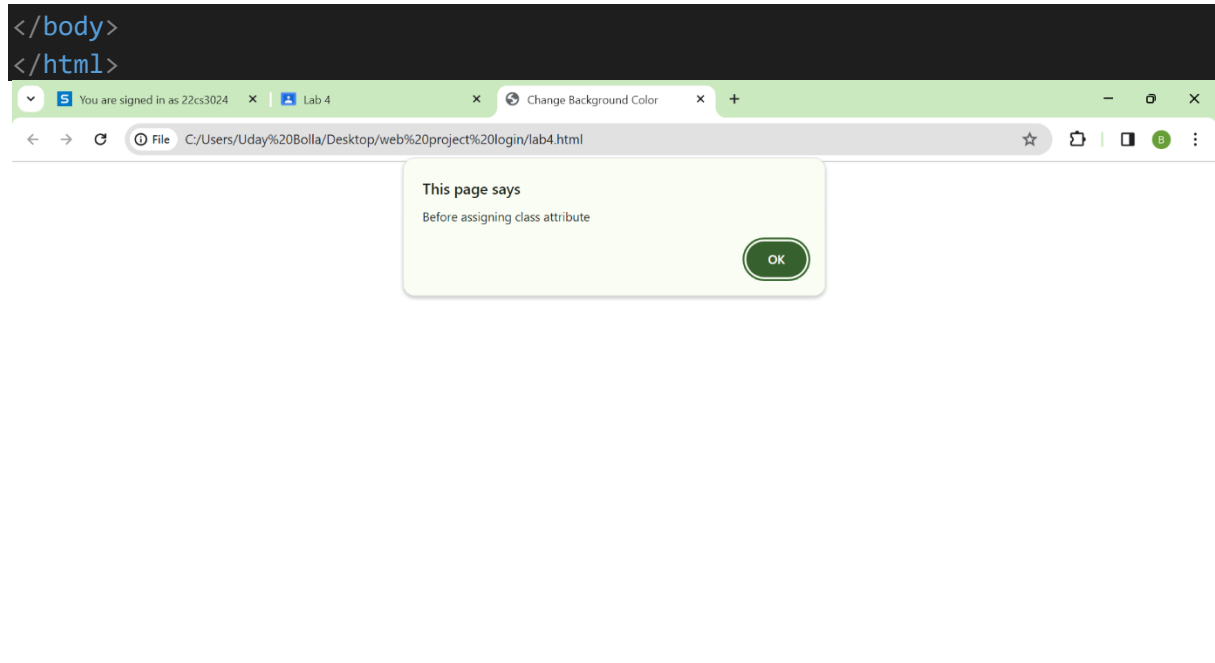
<script>
function changeColor() {
  document.body.style.backgroundColor = "lightgreen";
  document.getElementById("heading").style.color = "red";
  document.getElementById("heading").style.fontSize = "48pt";
  document.getElementById("heading").innerText = "New Heading";
  document.body.innerHTML += "<button>Click Me</button>";
}
</script>
</body>
</html>
```



```
T3) <!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Change Background Color</title>
<style>
  .light-green-bg {
    background-color: lightgreen;
  }
  body {
    background-color: #ffffff;
    text-align: center;
  }
</style>
</head>
<body>
<h1 id="heading">Change Background Color</h1>
<button onclick="changeColor()">Change Color</button>

<script>
function changeColor() {
  alert("Before assigning class attribute");
  document.body.className = "light-green-bg";
  alert("After assigning class attribute");
}
</script>
```

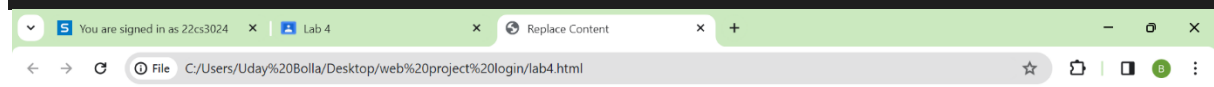


```
T4) <!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Replace Content</title>
<style>
```

```
#main-content {
  padding: 20px;
  border: 1px solid #ccc;
  margin: 20px;
}
</style>
</head>
<body>
<h1>Content Inside Main Section</h1>
<main id="main-content">
  <p>This is the initial content inside the main section.</p>
</main>
<button onclick="replaceContent()">Replace Content</button>

<script>
function replaceContent() {
  document.getElementById("main-content").innerHTML = "<p>This is the new
content inside the main section with different style.</p>";
}
</script>
</body>
</html>
```



Content Inside Main Section

This is the initial content inside the main section.

Replace Content





Content Inside Main Section

This is the new content inside the main section with different style.

Replace Content



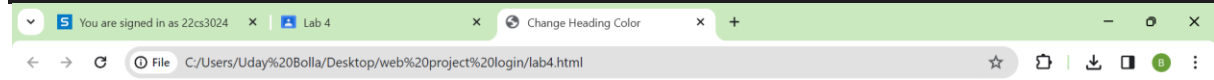
```
T5) <!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Change Heading Color</title>
<style>
  #main-section {
    padding: 20px;
    border: 1px solid #ccc;
    margin: 20px;
  }
  h1 {
    color: blue;
  }
  .green-heading {
    color: green;
  }
</style>
</head>
<body>
<h1>Heading Outside Main Section</h1>
<main id="main-section">
  <h1 class="green-heading">Heading Inside Main Section with Class
Attribute</h1>
</main>

<script>
document.querySelector("h1").style.color = "red";
```

```
document.querySelector("h1").classList.add("green-heading");

document.getElementById("main-section").querySelector("h1").style.color =
"green";
</script>
</body>
</html>
```



Heading Outside Main Section

Heading Inside Main Section with Class Attribute



```
T6) <!DOCTYPE html>

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Web Browsers</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }

    table {
      width: 100%;
      border-collapse: collapse;
    }

    td {
      text-align: center;
```






```

        padding: 10px;
        border: 1px solid #000;
    }

    .browser-icon {
        width: 100px;
        height: 100px;
        background-size: cover;
    }

    .version {
        font-size: 18px;
    }
</style>
</head>
<body>
    <table>
        <tr>
            <td><div class="browser-icon" style="background-image:
url('Google\ Chrome.png');"></div></td>
            <td><div class="browser-icon" style="background-image:
url('edge.jpg');"></div></td>
            <td><div class="browser-icon" style="background-image:
url('firefox.jpg');"></div></td>
            <td><div class="browser-icon" style="background-image:
url('Safari.webp');"></div></td>
            <td><div class="browser-icon" style="background-image:
url('opera.jpg');"></div></td>
        </tr>
        <tr>
            <td class="version">97.0</td>
            <td class="version">98.0</td>
            <td class="version">15.4</td>
            <td class="version">101.0</td>
            <td class="version">86.0</td>
        </tr>
    </table>
</body>
</html>

```


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|---|---|---|--|---|
| <div> <div> <div>You are signed in as 22cs3024</div> <div>Lab 4</div> <div>Web Browsers</div> </div> <div> <div></div> <div></div> <div></div> </div> </div> <div> <div>File</div> <div>C:/Users/Uday%20Bolla/Desktop/web%20project%20login/lab4.html</div> <div> <div></div> <div></div> <div></div> <div></div> </div> </div> | | | | |
|  |  |  |  |  |
| 97.0 | 98.0 | 15.4 | 101.0 | 86.0 |

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06-02-2024