

File Edit View

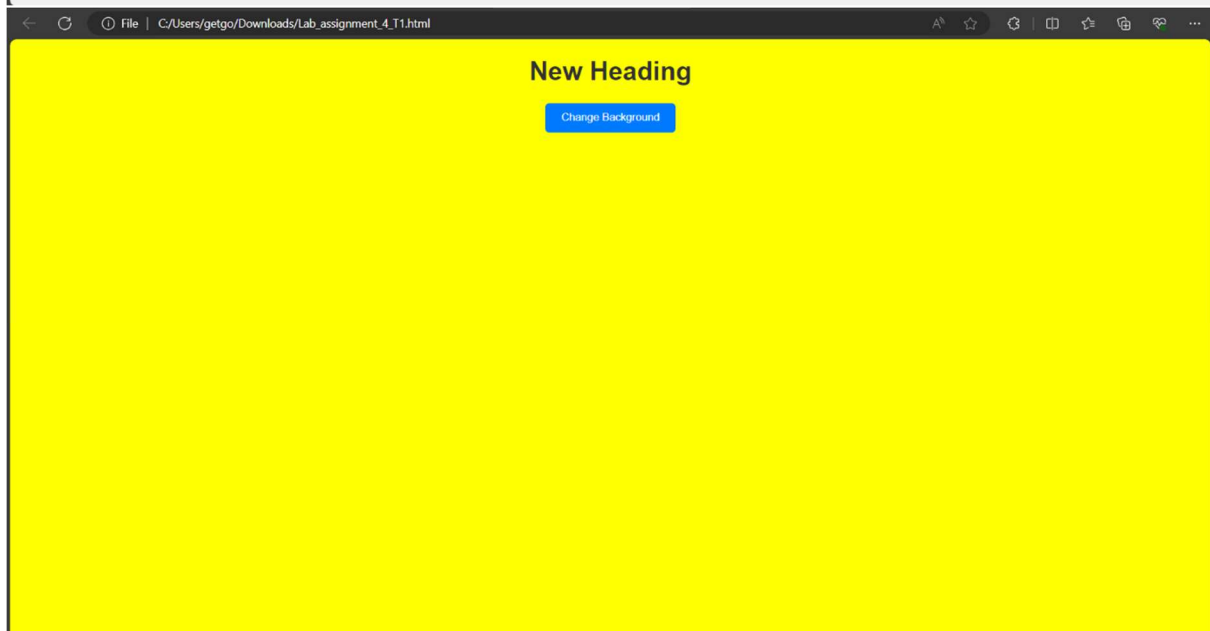
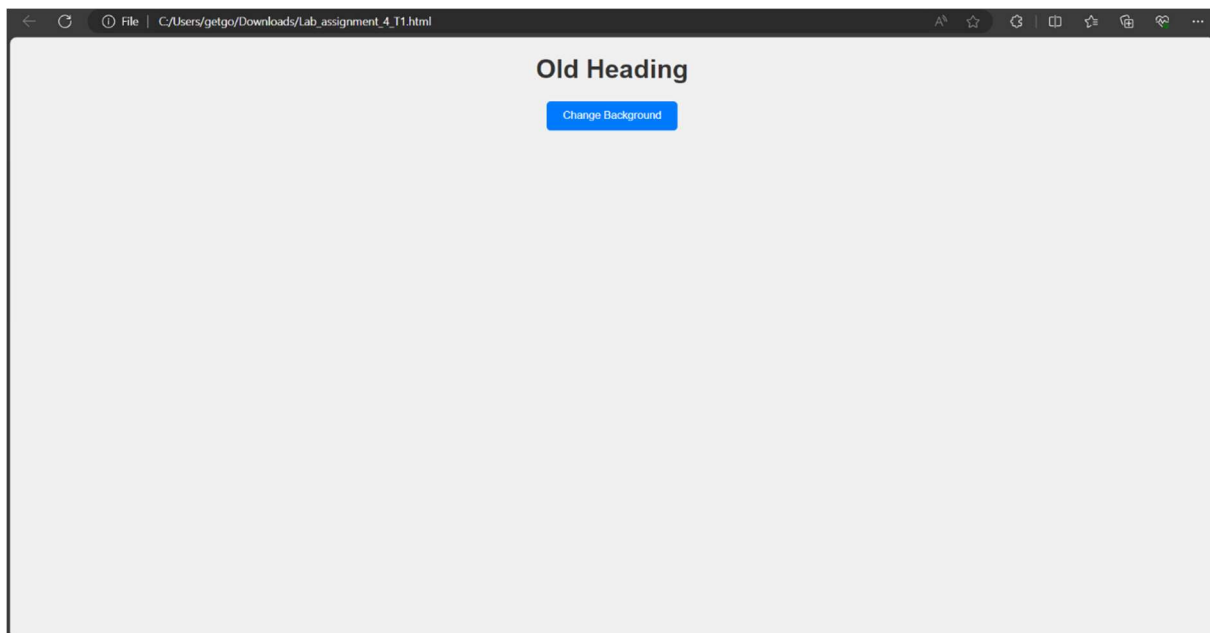
```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Change Background Color</title>
<style>
  body {
    font-family: Arial, sans-serif;
    text-align: center;
    background-color: #f0f0f0;
  }
  h1 {
    color: #333;
  }
  .button {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    cursor: pointer;
    border-radius: 5px;
  }
</style>
</head>
<body>

<h1 id="heading">Old Heading</h1>
<button class="button" onclick="changeBackground()">Change Background</button>

<script>
function changeBackground() {
  var heading = document.getElementById("heading");
  var body = document.body;

  if (body.style.backgroundColor === "white") {
    body.style.backgroundColor = "#f0f0f0";
    heading.textContent = "Original Heading";
  } else {
    body.style.backgroundColor = "yellow";
    heading.textContent = "New Heading";
  }
}
</script>

</body>
</html>
```



File Edit View

```
<!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 {
    font-family: Arial, sans-serif;
    text-align: center;
    background-color: #f0f0f0;
  }
  h1 {
    color: #333;
    font-size: 24pt; /* Change the fontSize to 24pt */
  }
  .button {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    cursor: pointer;
    border-radius: 5px;
  }
</style>
</head>
<body>

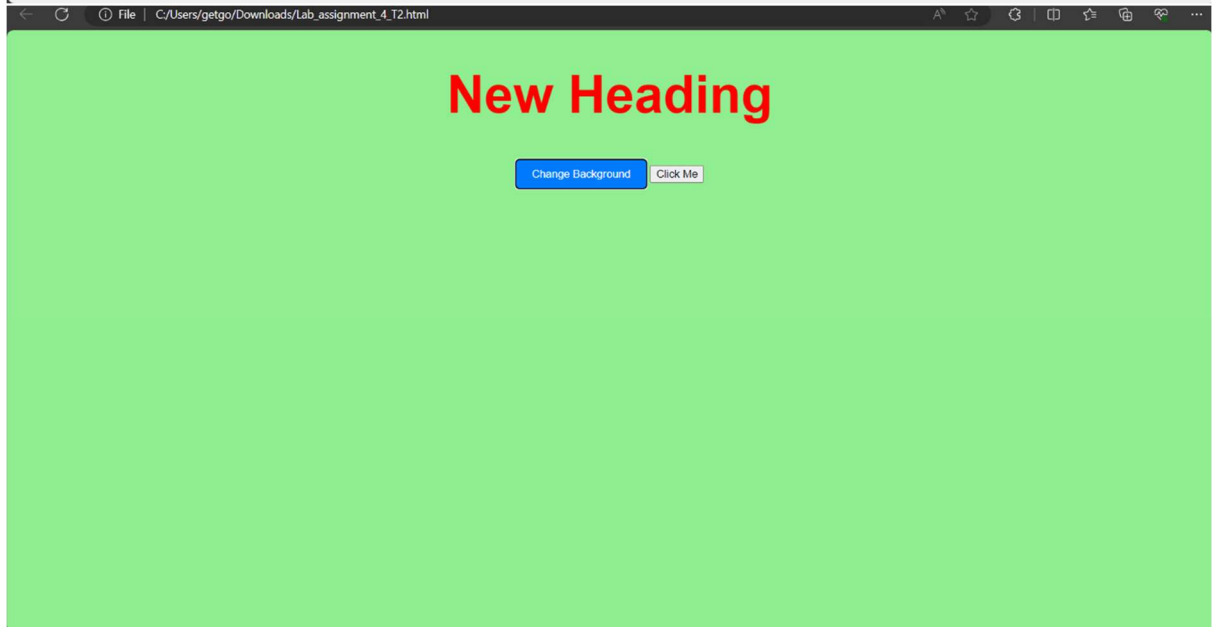
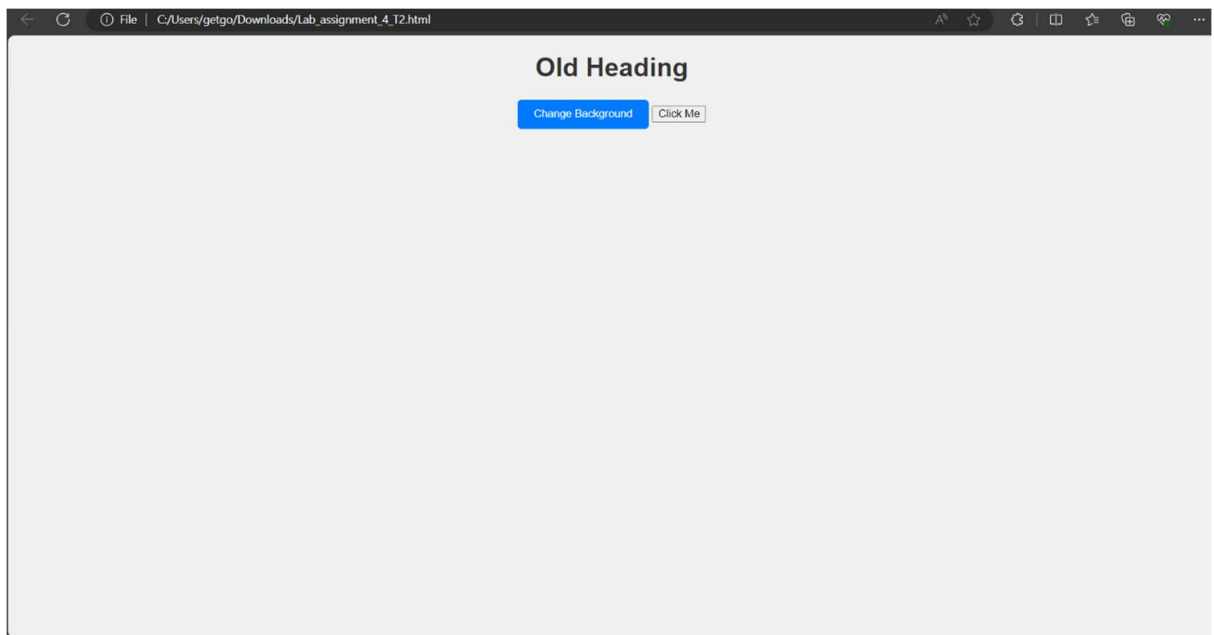
<h1 id="heading">Old Heading</h1>
<button class="button" onclick="changeBackground()">Change Background</button>

<script>
function changeBackground() {
  var heading = document.getElementById("heading");
  var body = document.body;

  if (body.style.backgroundColor === "white") {
    body.style.backgroundColor = "lightgreen"; // Make the background light green
    heading.textContent = "New Heading"; // Change the wording inside the <h1> tag
    heading.style.color = "red"; // Add a line that makes the text red
    heading.style.fontSize = "48pt"; // Change the fontSize to 48pt
  } else {
    body.style.backgroundColor = "white";
    heading.textContent = "Original Heading";
    heading.style.color = "#333"; // Reset the text color
    heading.style.fontSize = "24pt"; // Reset the fontSize
  }
}
</script>

<button onclick="alert('Button clicked!')">Click Me</button> <!-- Add <button>Click Me</button> after the closing </h1> -->

</body>
</html>
```



File Edit View

```
<!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 {
    font-family: Arial, sans-serif;
    text-align: center;
    background-color: #f0f0f0;
  }
  .light-green-background {
    background-color: lightgreen; /* Define a class for light green background */
  }
  h1 {
    color: #333;
    font-size: 24pt;
  }
  .button {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    cursor: pointer;
    border-radius: 5px;
  }
</style>
</head>
<body>

<h1 id="heading">Original Heading</h1>
<button class="button" onclick="changeBackground()">Change Background</button>

<script>
function changeBackground() {
  alert("Before setting the class attribute."); // Alert before setting the class attribute

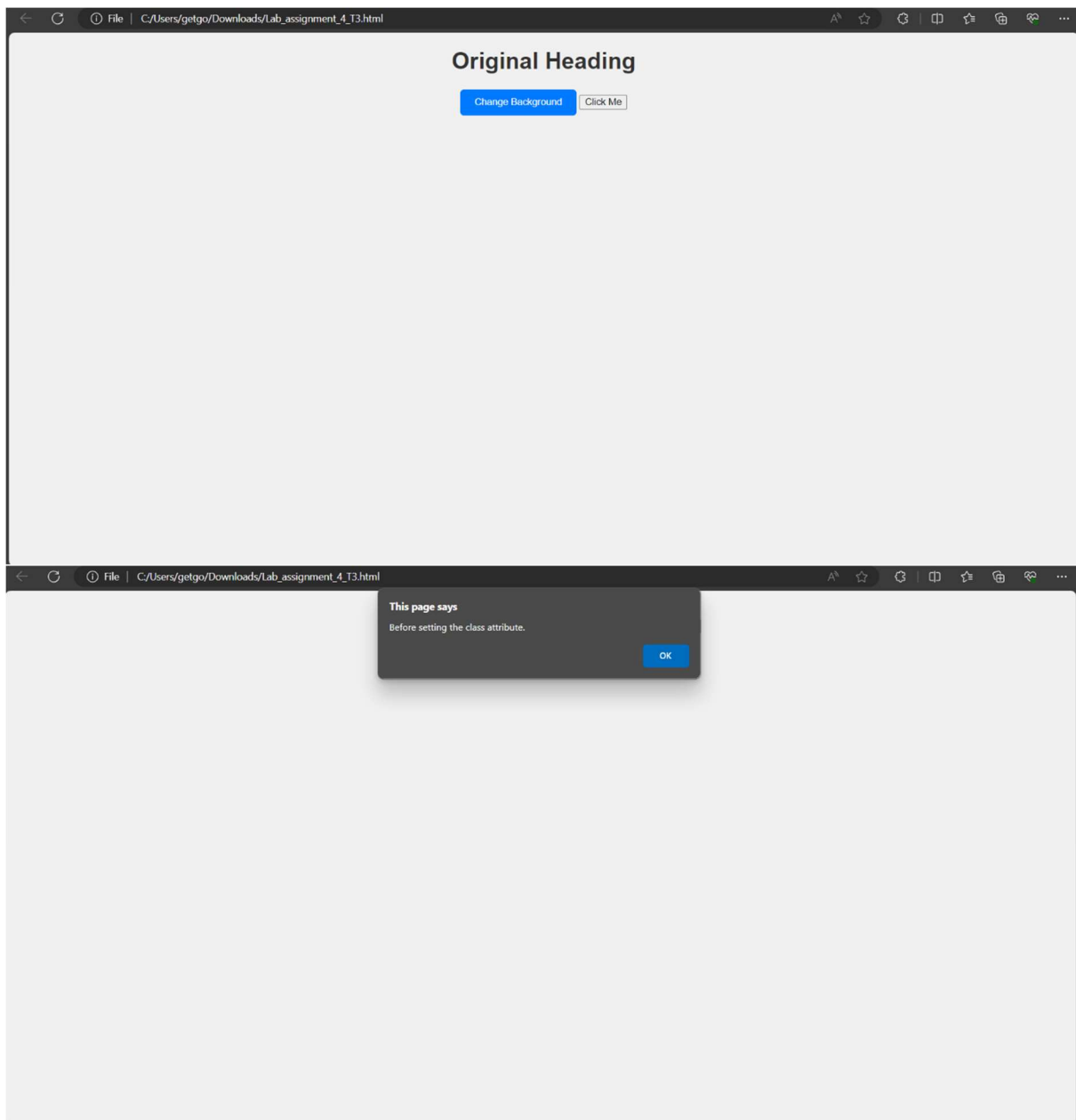
  var body = document.body;
  body.classList.add("light-green-background"); // Set the background color directly with the class attribute

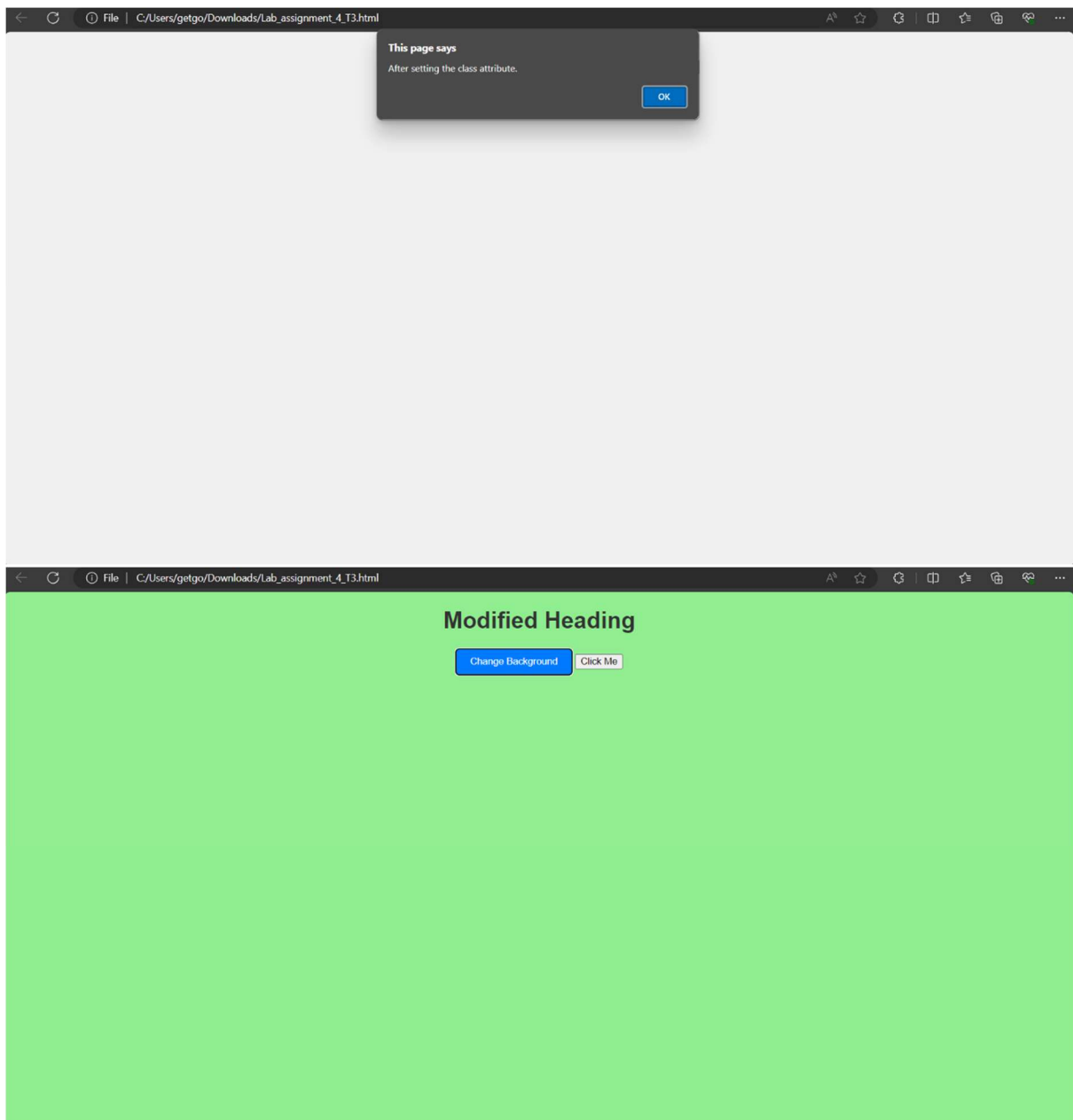
  alert("After setting the class attribute."); // Alert after setting the class attribute

  var heading = document.getElementById("heading");
  heading.textContent = "Modified Heading";
}
</script>

<button onclick="alert('Button clicked!')">Click Me</button>

</body>
</html>
|
```





```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Page with Main Section Content Replacement</title>
<style>
  body {
    font-family: Arial, sans-serif;
    text-align: center;
  }
  main {
    padding: 20px;
    background-color: #f0f0f0;
    margin: 20px auto;
    width: 80%;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  }
  .original-content {
    font-size: 18px;
    color: #333;
  }
  .new-content {
    font-size: 24px;
    color: #007bff;
    font-weight: bold;
  }
  .button {
    padding: 10px 20px;
    background-color: #007bff;
    color: #fff;
    border: none;
    cursor: pointer;
    border-radius: 5px;
  }
</style>
</head>
<body>

<h1>Page with Main Section Content Replacement</h1>
|
<main id="main-section" class="original-content">
  <p>This is the original content inside the main section.</p>
</main>

<button class="button" onclick="replaceContent()">Replace Content</button>

<script>
function replaceContent() {
  var mainSection = document.getElementById("main-section");
  mainSection.innerHTML = "<p class='new-content'>This is the new content inside the main section with a different style.</p>";
}
</script>

</body>
</html>

```


Page with Main Section Content Replacement

This is the original content inside the main section.

Replace Content

Page with Main Section Content Replacement

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

Replace Content

File Edit View

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Changing h1 Color</title>
<style>
  /* Method 2: Using an external CSS stylesheet */
  .h1-color {
    color: green;
  }
</style>
</head>
<body>

<!-- Method 1: Using inline CSS directly in the <h1> tag -->
<h1 style="color: blue;">Heading 1 (Inline CSS)</h1>

<!-- Method 2: Using an external CSS stylesheet -->
<h1 class="h1-color">Heading 2 (External CSS)</h1>

<!-- Method 3: Using JavaScript to dynamically change the style -->
<h1 id="heading3">Heading 3 (JavaScript)</h1>

<script>
// Method 3: Using JavaScript to dynamically change the style
var heading3 = document.getElementById("heading3");
heading3.style.color = "red";
</script>

</body>
</html>
```

File | C:/Users/getgo/Downloads/lab_assignment_4_T5.html

Heading 1 (Inline CSS)

Heading 2 (External CSS)

Heading 3 (JavaScript)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Web Browsers and Versions</title>
<style>
  body {
    font-family: Arial, sans-serif;
    text-align: center;
  }
  .grid-container {
    display: grid;
    grid-template-rows: auto auto; /* Two rows */
    grid-template-columns: repeat(5, 1fr); /* Five columns */
    gap: 10px; /* Gap between grid items */
    margin: 20px auto;
    width: 80%;
  }
  .grid-item {
    display: flex;
    flex-direction: column;
    align-items: center;
  }
  .browser-icon {
    width: 100px; /* Adjust width as needed */
    height: auto;
  }
</style>
</head>
<body>

<div class="grid-container">
  <div class="grid-item">
    
    <span>Chrome</span>
  </div>
  <div class="grid-item">
    
    <span>Microsoft Edge</span>
  </div>
  <div class="grid-item">
    
    <span>Firefox</span>
  </div>
  <div class="grid-item">
    
    <span>Safari</span>
  </div>
  <div class="grid-item">
    
    <span>Opera</span>
  </div>
  <div class="grid-item">57.0</div>
  <div class="grid-item">16.0</div>
  <div class="grid-item">52.0</div>
  <div class="grid-item">10</div>
  <div class="grid-item">44</div>
</div>

</body>
</html>
```

