

LAB ASSIGNMENT – 4 WEB TECH.

JIGYAUS PATEL – 22CS3031

T1-

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Task 1</title>

<style>

  body {

    text-align: center;

  }

</style>

</head>

<body>

  <h1 id="heading">Original Heading</h1>

  <button onclick="changeStyle()">Change Style</button>


  <script>

    function changeStyle() {

      document.body.style.backgroundColor = "lightgreen"; // a.

      document.getElementById("heading").style.color = "red"; // b.

      document.getElementById("heading").style.fontSize = "48pt"; // c.

      document.getElementById("heading").innerHTML = "New Heading"; // d.

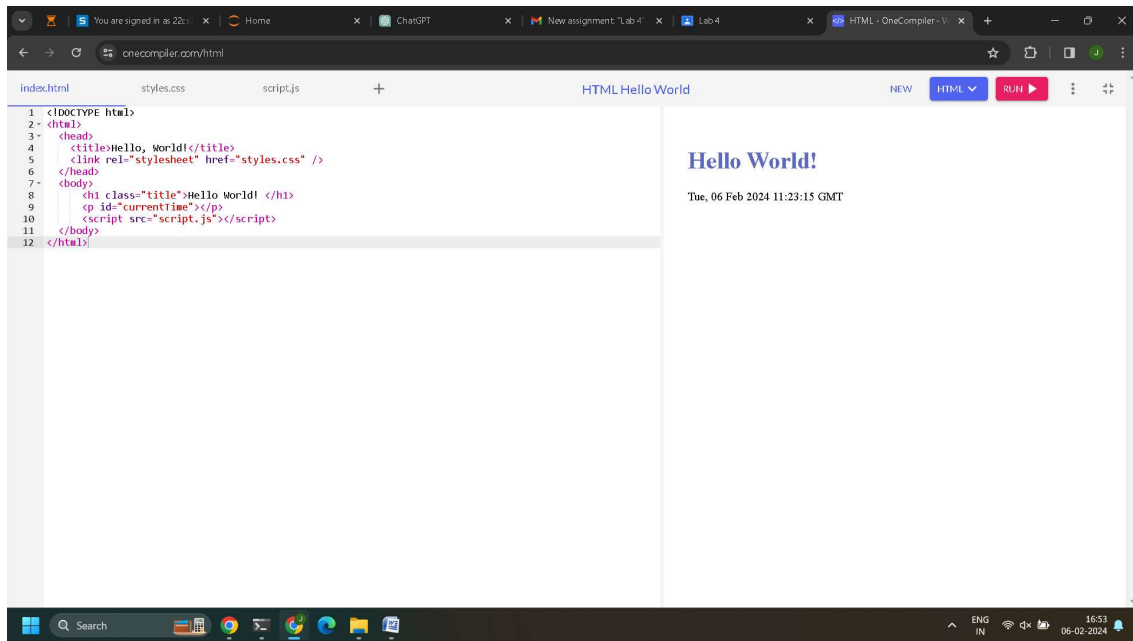
      document.body.innerHTML += '<button>Click Me</button>'; // e.

    }

  </script>

</body>

</html>
```



T2-

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Task 2</title>

<style>

body {

text-align: center;

}

</style>

</head>

<body>

<h1 id="heading">Original Heading</h1>

<button onclick="changeStyle()">Change Style</button>

<script>

function changeStyle() {

```

document.body.style.backgroundColor = "lightgreen"; // a. Make the background light green.

document.getElementById("heading").style.color = "red"; // b. Add a line that makes the text red.

document.getElementById("heading").style.fontSize = "48pt"; // c. Change the fontSize to 48pt.

document.getElementById("heading").innerHTML = "New Heading"; // d. Change the wording inside the <h1> tag in
the Javascript.

document.body.innerHTML += '<button>Click Me</button>'; // e. Add <button>Click Me</button> after the closing
</h1>.

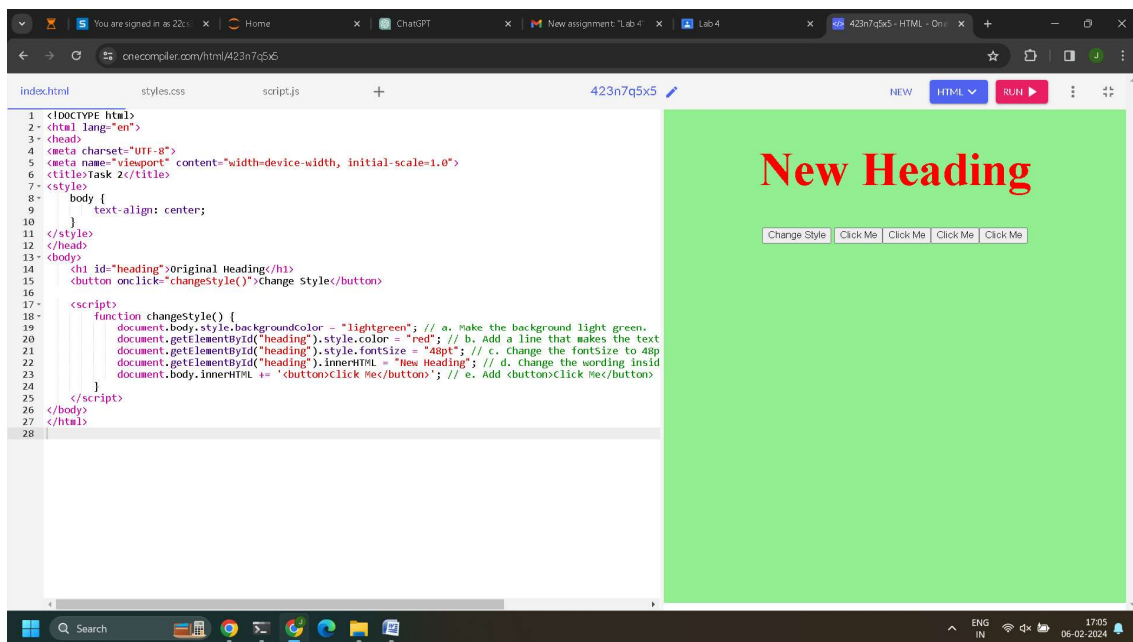
}

</script>

</body>

</html>

```



T3-

```

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

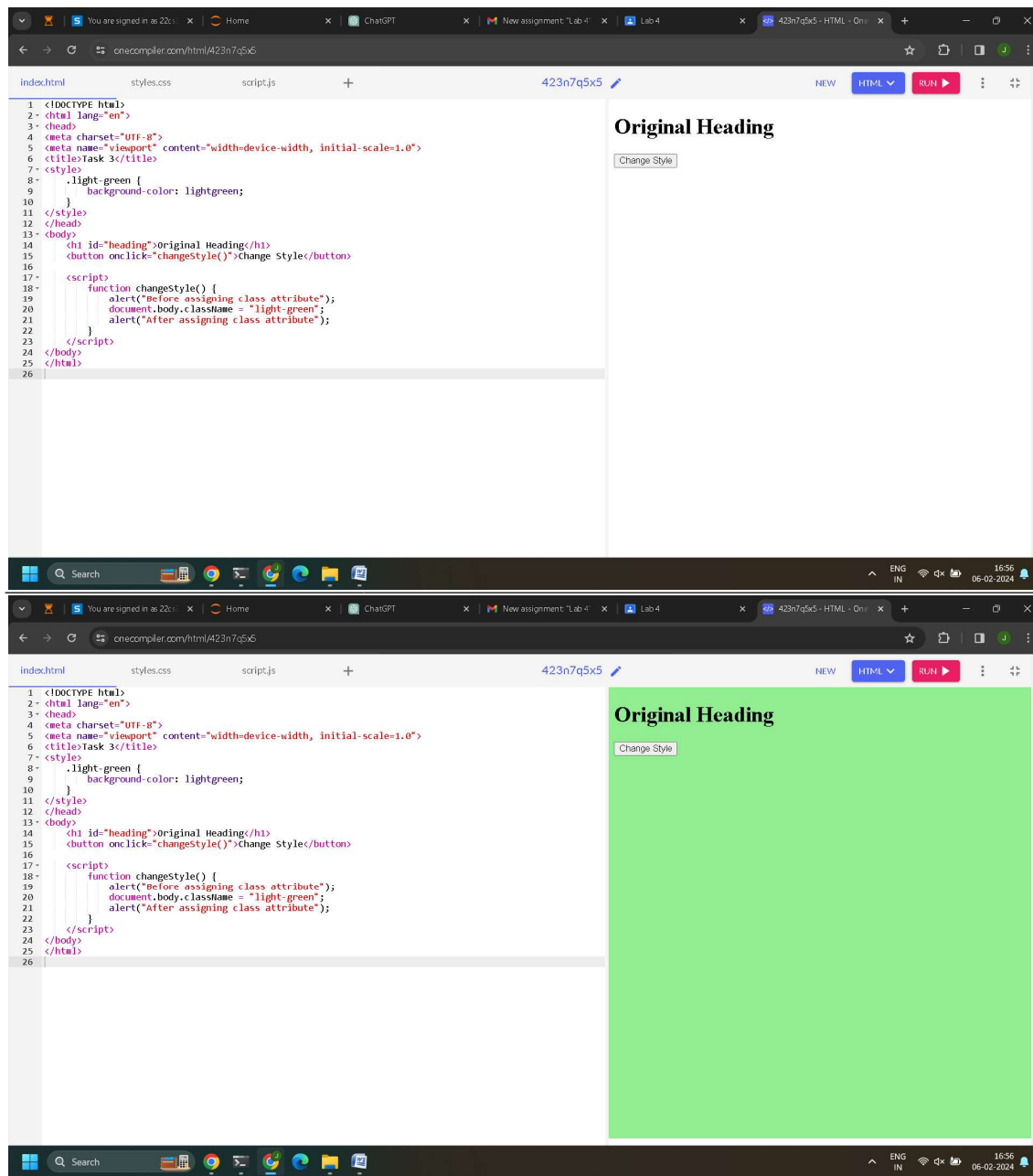
<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Task 3</title>

<style>

```

```
.light-green {  
    background-color: lightgreen;  
}  
  
</style>  
</head>  
<body>  
    <h1 id="heading">Original Heading</h1>  
    <button onclick="changeStyle()">Change Style</button>  
    <script>  
        function changeStyle() {  
            alert("Before assigning class attribute");  
            document.body.className = "light-green";  
            alert("After assigning class attribute");  
        }  
    </script>  
</body>  
</html>
```



T4-

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

```
<title>Task 4</title>

<style>

  #main-content {

    background-color: lightblue;

    padding: 20px;

  }

  .new-content {

    font-style: italic;

    color: red;

  }

</style>

</head>

<body>

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

  <main id="main-content">

    <p>Main Content Original</p>

  </main>

  <script>

    function replaceContent() {

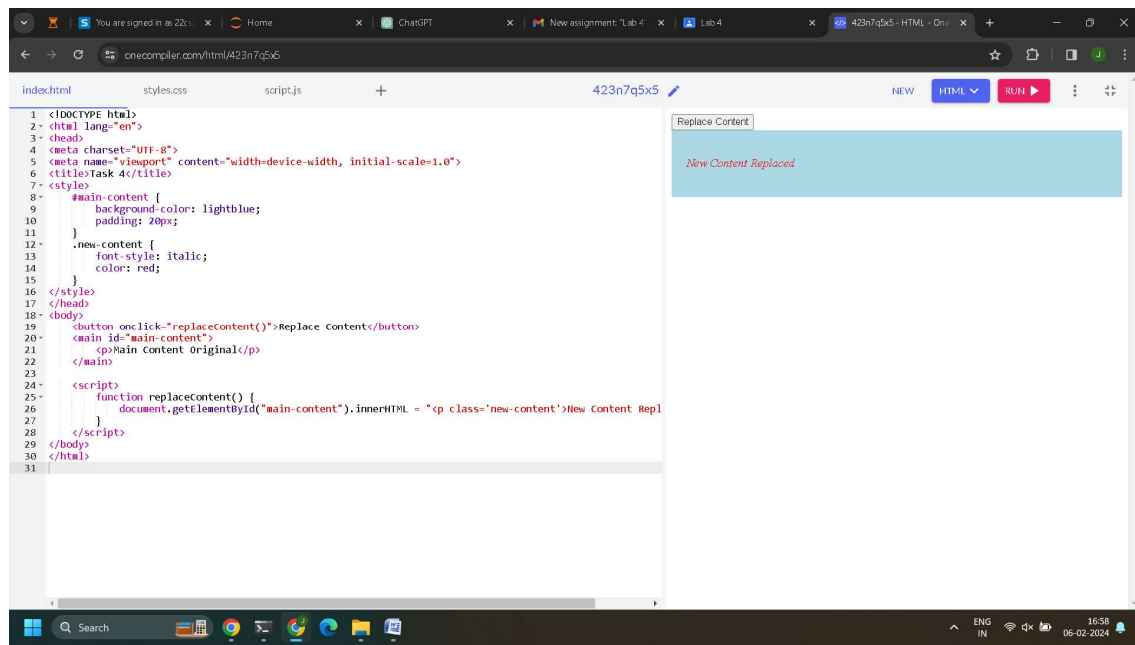
      document.getElementById("main-content").innerHTML = "<p class='new-content'>New Content Replaced</p>";

    }

  </script>

</body>

</html>
```



T5-

Inline style-

`<h1 style="color: blue;">Heading 1</h1>`

Internal CSS-

`<style>`

```
h1 {  
    color: green;  
}
```

`</style>`

External CSS-

`/* styles.css */`

```
h1 {  
    color: red;  
}
```

`<link rel="stylesheet" href="styles.css">`

`<h1>Heading 1</h1>`

T6-

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Task 6</title>

<style>

.grid-container {

    display: grid;

    grid-template-columns: repeat(5, 100px);

    justify-content: center;

}

.grid-item {

    text-align: center;

}

</style>

</head>

<body>

<div class="grid-container">

    <div class="grid-item"></div>

    <div class="grid-item"></div>

    <div class="grid-item"></div>

    <div class="grid-item"></div>

    <div class="grid-item"></div>

    <div class="grid-item">v1.0</div>

    <div class="grid-item">v2.0</div>

    <div class="grid-item">v3.0</div>

    <div class="grid-item">v4.0</div>

    <div class="grid-item">v5.0</div>

</div>

</body>

</html>
```


423n7q5x5 - HT

423n7q5x5

index.html styles.css script.js + 423n7q5x5 NEW

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Task 6</title>
7 <style>
8   .grid-container {
9     display: grid;
10    grid-template-columns: repeat(5, 100px);
11    justify-content: center;
12  }
13  .grid-item {
14    text-align: center;
15  }
16 </style>
17 </head>
18 <body>
19   <div class="grid-container">
20     <div class="grid-item"></div>
21     <div class="grid-item"></div>
22     <div class="grid-item"></div>
23     <div class="grid-item"></div>
24     <div class="grid-item"></div>
25     <div class="grid-item">v1.0</div>
26     <div class="grid-item">v2.0</div>
27     <div class="grid-item">v3.0</div>
28     <div class="grid-item">v4.0</div>
29     <div class="grid-item">v5.0</div>
30   </div>
31 </body>
32 </html>
33
```

Browser 1 v1.0 Browser 2 v2.0 Browse v3.0