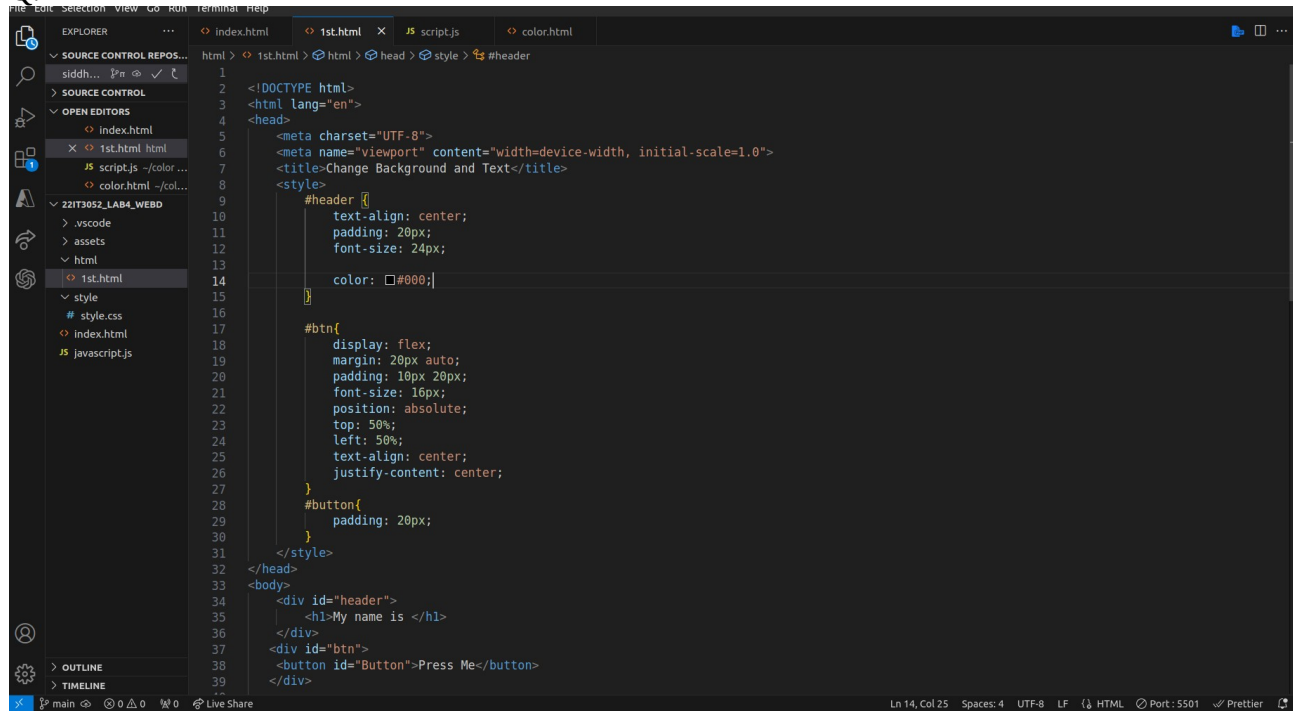


Name – sidhharth chhoria

roll - 22it3052

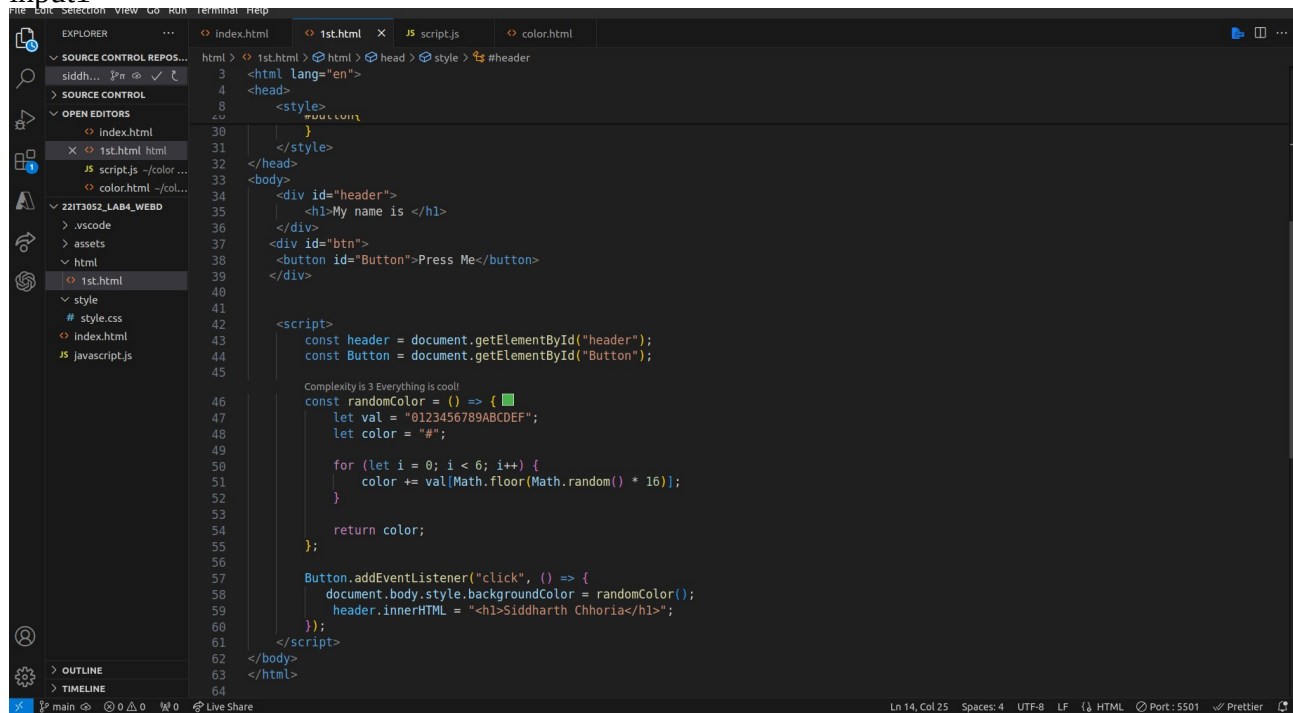
Q.1



The screenshot shows the VS Code editor with the following code in the main editor area:

```
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>Change Background and Text</title>
7   <style>
8     #header {
9       text-align: center;
10      padding: 20px;
11      font-size: 24px;
12
13      color: #000;
14    }
15
16    #btn {
17      display: flex;
18      margin: 20px auto;
19      padding: 10px 20px;
20      font-size: 16px;
21      position: absolute;
22      top: 50%;
23      left: 50%;
24      text-align: center;
25      justify-content: center;
26    }
27
28    #button {
29      padding: 20px;
30    }
31  </style>
32 </head>
33 <body>
34   <div id="header">
35     <h1>My name is </h1>
36   </div>
37   <div id="btn">
38     <button id="Button">Press Me</button>
39   </div>
```

input1



The screenshot shows the VS Code editor with the following code in the main editor area:

```
30   </style>
31 </head>
32 <body>
33   <div id="header">
34     <h1>My name is </h1>
35   </div>
36   <div id="btn">
37     <button id="Button">Press Me</button>
38   </div>
39
40   <script>
41     const header = document.getElementById("header");
42     const Button = document.getElementById("Button");
43
44     Complexity is 3 Everything is cool!
45     const randomColor = () => {
46       let val = "0123456789ABCDEF";
47       let color = "#";
48
49       for (let i = 0; i < 6; i++) {
50         color += val[Math.floor(Math.random() * 16)];
51       }
52
53       return color;
54     };
55
56     Button.addEventListener("click", () => {
57       document.body.style.backgroundColor = randomColor();
58       header.innerHTML = "<h1>Sidhharth Chhoria</h1>";
59     });
60   </script>
61 </body>
62 </html>
```

input 2

My name is

Press Me

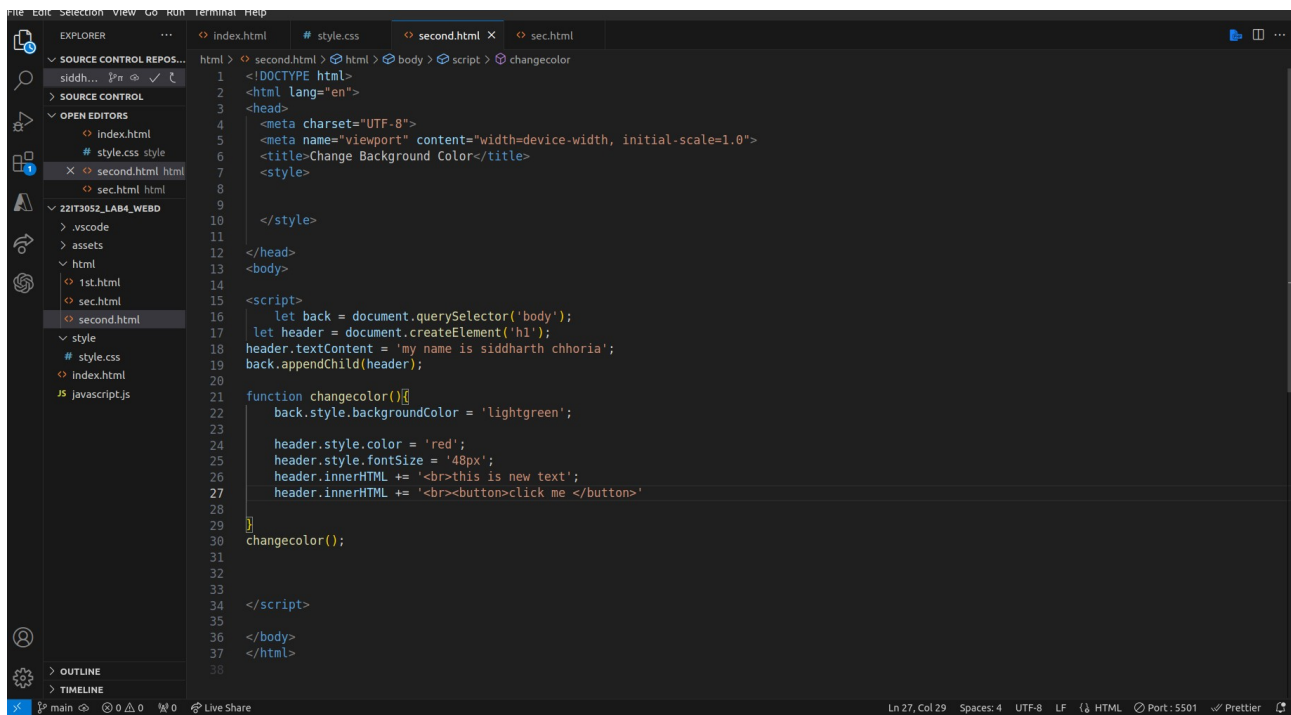
output1

127.0.0.1:5501/html/1st.html

Siddharth Chhoria

Press Me

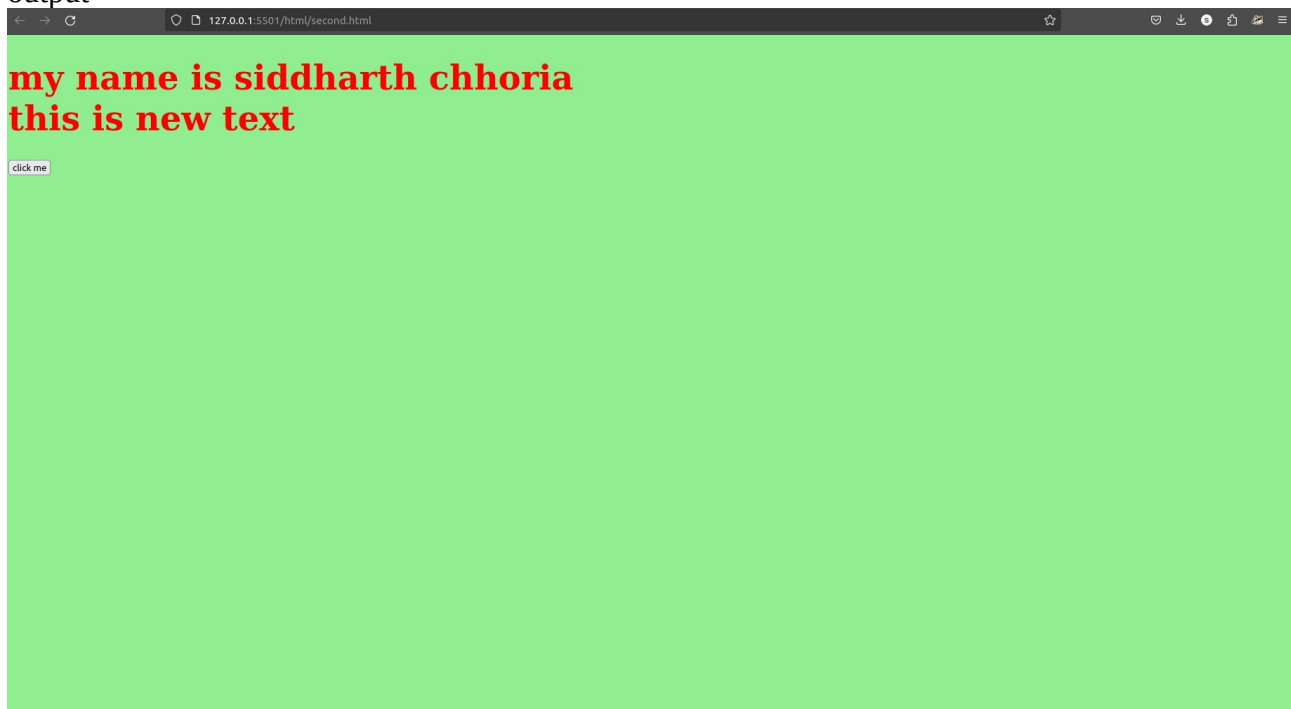
output2
Q.1
input1



The screenshot shows the Visual Studio Code editor interface. The Explorer sidebar on the left displays the file structure of a project named '22IT3052_LAB4_WEBD'. The files include 'index.html', 'style.css', 'second.html', 'sec.html', '1st.html', and 'second.html'. The main editor window is open to 'second.html', which contains the following code:

```
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>Change Background Color</title>
7   <style>
8
9
10  </style>
11
12 </head>
13 <body>
14
15 <script>
16   let back = document.querySelector('body');
17   let header = document.createElement('h1');
18   header.textContent = 'my name is siddharth chhoria';
19   back.appendChild(header);
20
21   function changecolor(){
22     back.style.backgroundColor = 'lightgreen';
23
24     header.style.color = 'red';
25     header.style.fontSize = '48px';
26     header.innerHTML += '<br>this is new text';
27     header.innerHTML += '<br><button>click me </button>'
28   }
29
30   changecolor();
31
32
33 </script>
34
35 </body>
36 </html>
```

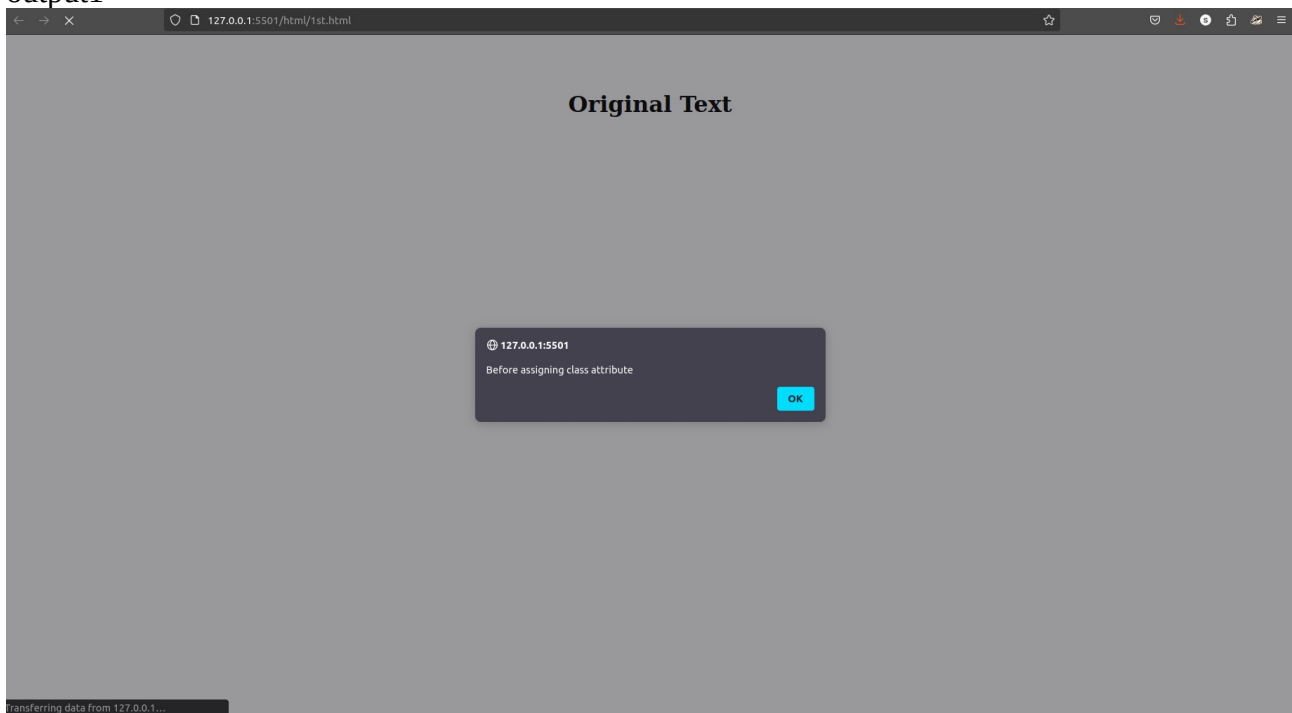
output



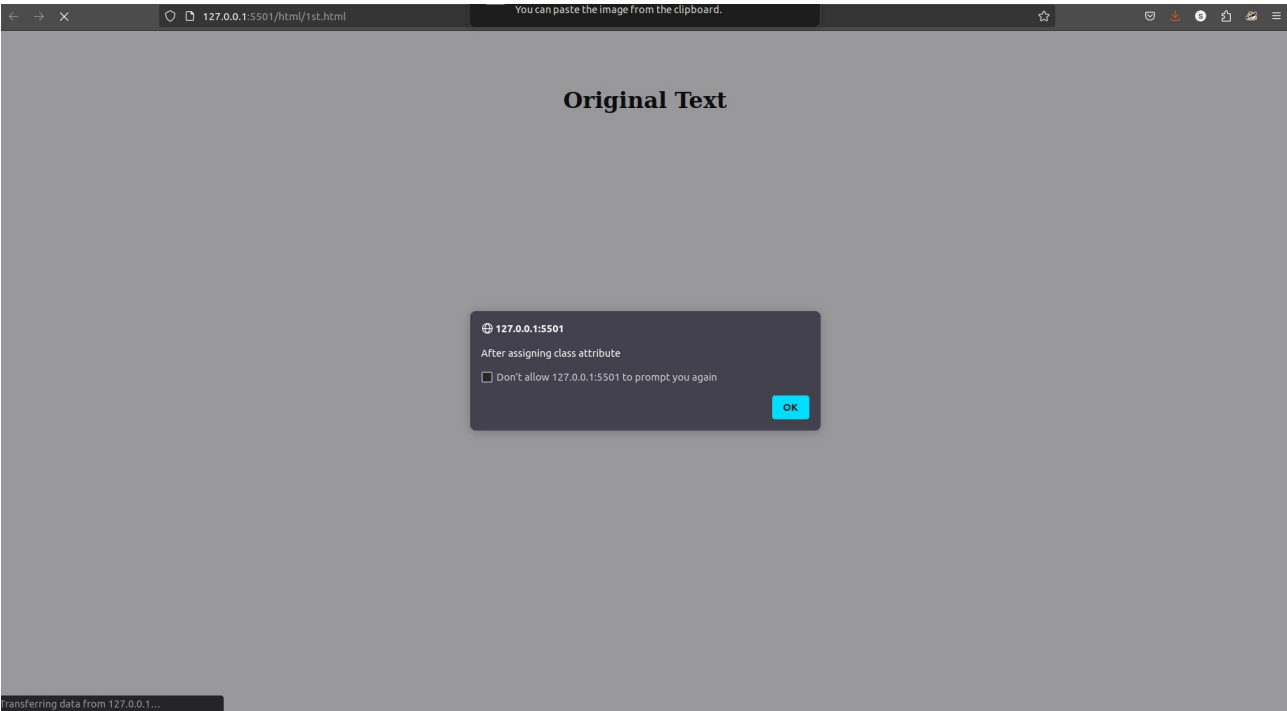
Q.3
input 1

```
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>T3: Assign Class Attribute</title>
7   <style>
8     .lightGreenBackground {
9       background-color: lightgreen;
10    }
11
12    body {
13      text-align: center;
14      padding: 50px;
15    }
16  </style>
17 </head>
18 <body>
19
20 <h1 id="myHeading">Original Text</h1>
21
22 <script>
23   // Alert before assigning the class attribute
24   alert('Before assigning class attribute');
25
26   // Assign the class attribute to change the background color
27   document.body.classList.add('lightGreenBackground');
28
29   // Alert after assigning the class attribute
30   alert('After assigning class attribute');
31 </script>
32
33 </body>
34 </html>
35
```

output1



output2



output 3



Q.4
input1

```
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> new content</title>
7   <style>
8     body {
9       text-align: center;
10      padding: 20px;
11    }
12    #mainSection {
13      border: 2px solid #333;
14      padding: 20px;
15      margin: 20px;
16      background-color: #f5f5f5;
17    }
18    .styledContent {
19      color: #0066cc;
20      font-size: 18px;
21      font-weight: bold;
22    }
23  </style>
24 </head>
25 <body>
26
27 <h1>content</h1>
28
29 <section id="mainSection">
30   <p>This is the initial content within the main section.</p>
31 </section>
32
33 <button onclick="document.getElementById('mainSection').innerHTML='<p class=\\"styledContent\\">New Content with Different Style!</p>'">Replace Content
34
35 </body>
36 </html>
37
```

output1

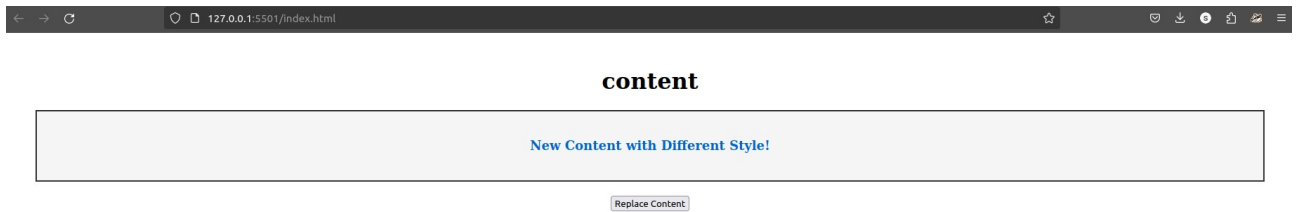


content

This is the initial content within the main section.

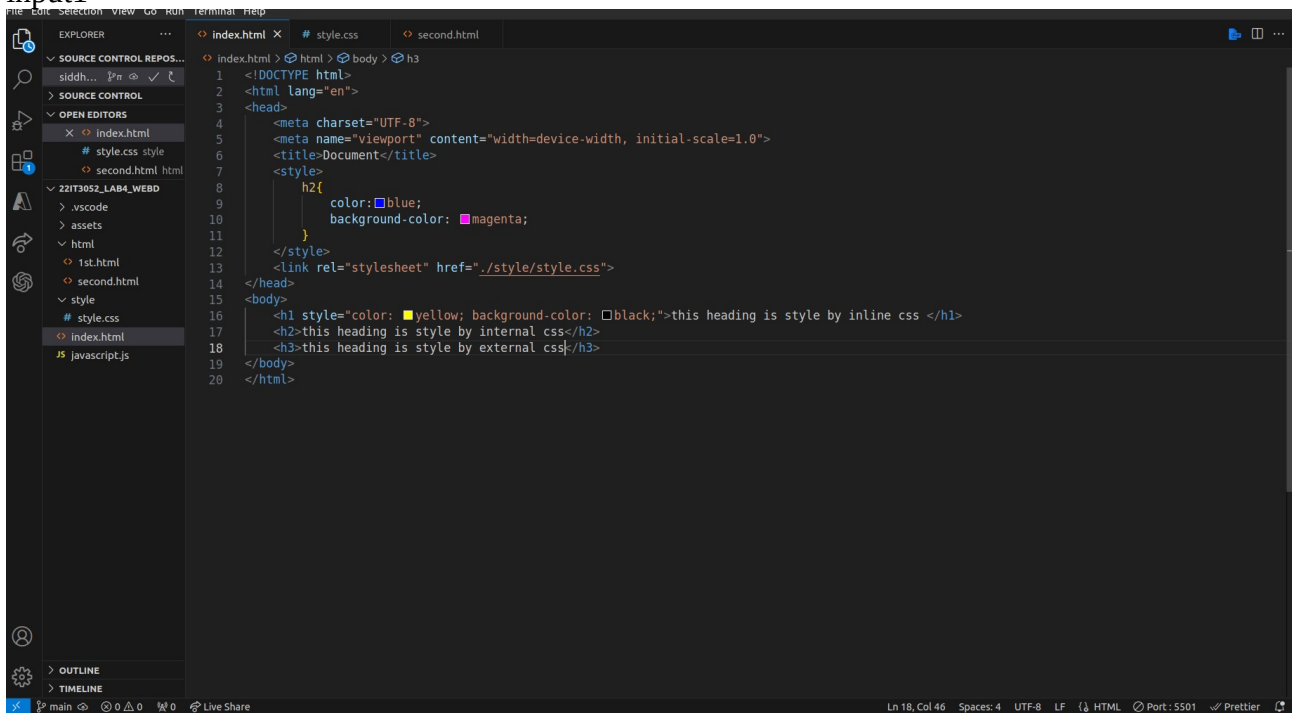
Replace Content

output 2

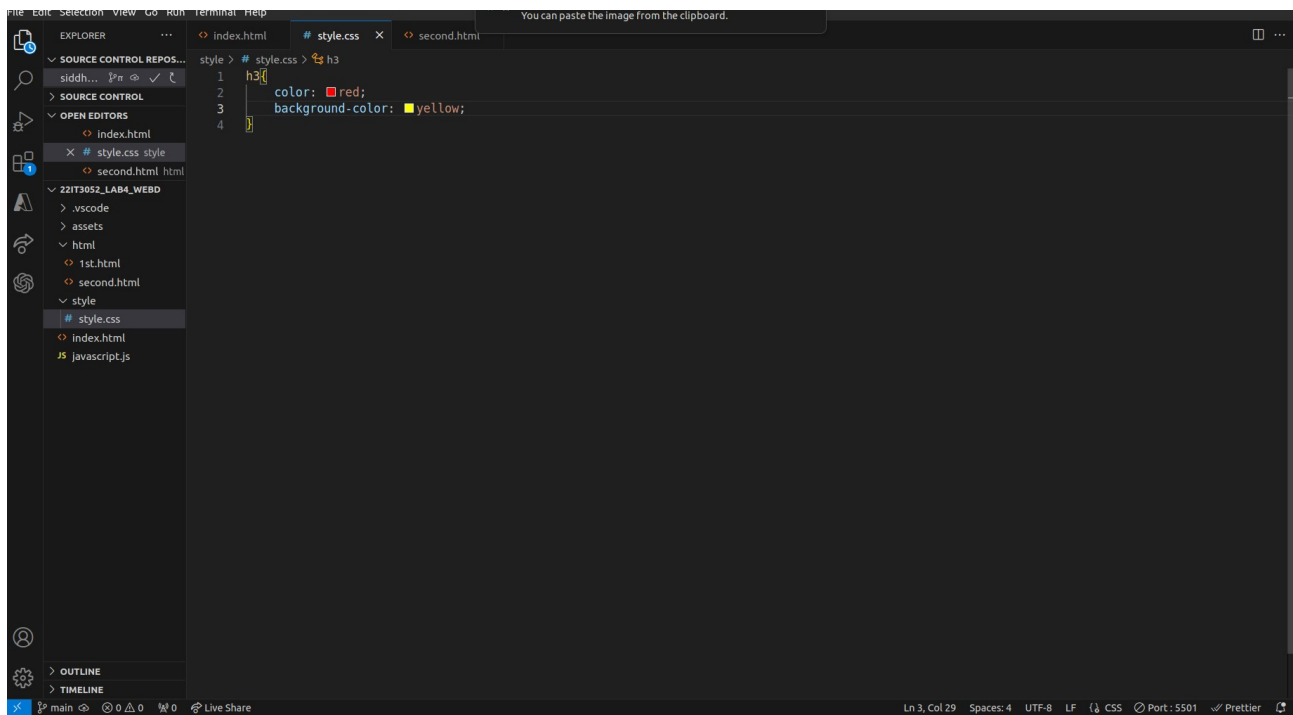


Q.5

input1



input 2



output1



Q.6

input1


```
EXPLORE  Selection View  Go  Run  Terminal  Help
SOURCE CONTROL REPOS...  index.html x  # style.css  JS javascript.js
sidh...  ?n  ✓  ↶
SOURCE CONTROL
OPEN EDITORS
x  index.html
# style.css style
JS javascript.js
22IT3052_LAB4_WEBD
.vscode
assets
style
# style.css
index.html
JS javascript.js
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>Document</title>
7   <style>
8     table,th,td{
9       border: 2px solid black;
10      border-collapse: collapse;
11    }
12    .second{
13      padding: 20px 0px;
14      text-align: center;
15      background-color: rgb(156, 144, 144);
16    }
17  </style>
18 </head>
19 <body>
20   <table>
21     <tr>
22       <td></td>
23       <td></td>
24       <td></td>
25       <td></td>
26       <td></td>
27     </tr>
28     <tr>
29       <td class="second">57.0</td>
30       <td class="second">16.0</td>
31       <td class="second">52.0</td>
32       <td class="second">10</td>
33       <td class="second">44</td>
34     </tr>
35   </table>
36 </body>
37
38 </html>
```

output 1

