

Lesson 02 Demo 07

Using ID, Class, Header, and Footer in HTML

Objective: To create an HTML file that includes ID and class selectors, along with a header and footer, to structure a web page and enhance its styling

Tools required: Ubuntu Linux VM and Visual Studio Code

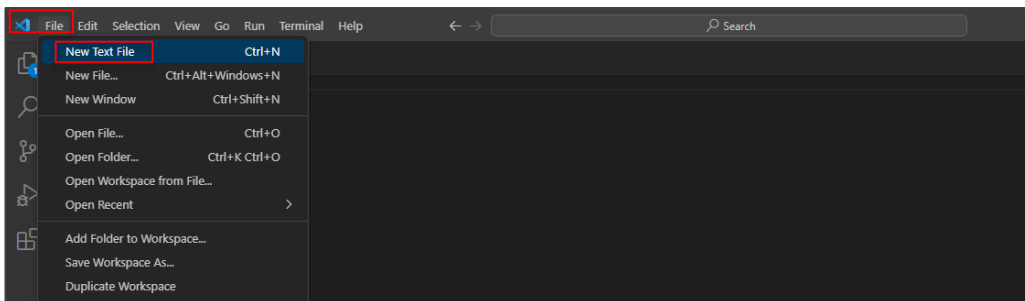
Prerequisites: None

Steps to be followed:

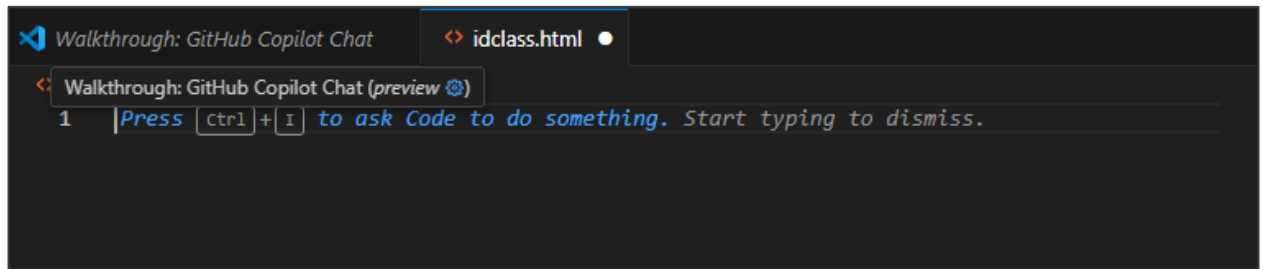
1. Create an HTML file and add the ID, Class, Header, and Footer
2. Execute the HTML file

Step 1: Create an HTML file and add the ID, Class, Header, and Footer

- 1.1 Open Visual Studio Code, right-click on the **File** menu of the code editor, and select **New File...**



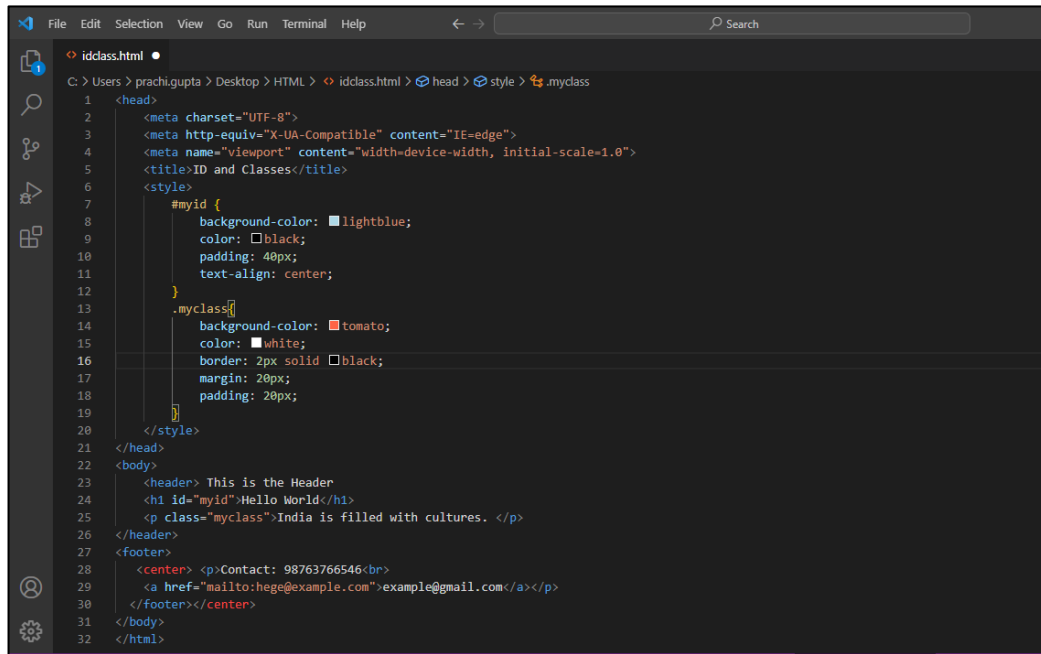
1.2 Name the file as **idclass.html**



1.3 Enter the following HTML code to define ID and class selectors and include a header and footer:

```
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>ID and Classes</title>
  <style>
    #myid {
      background-color: lightblue;
      color: black;
      padding: 40px;
      text-align: center;
    }
    .myclass{
      background-color: tomato;
      color: white;
      border: 2px solid black;
      margin: 20px;
      padding: 20px;
    }
  </style>
</head>
<body>
  <header> This is the Header
  <h1 id="myid">Hello World</h1>
  <p class="myclass">India is filled with cultures. </p>
</header>
<footer>
```

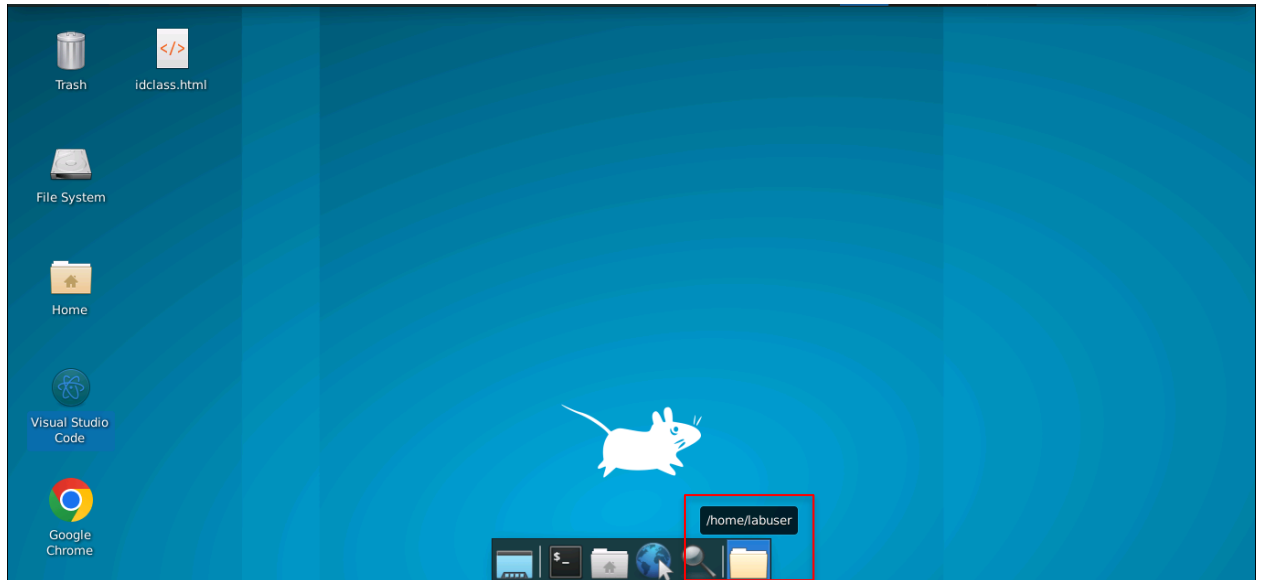
```
<footer> This is the footer
<center> <p>Contact: 98763766546<br>
  <a href="mailto:hege@example.com">example@gmail.com</a></p>
</footer></center>
</body>
</html>
```



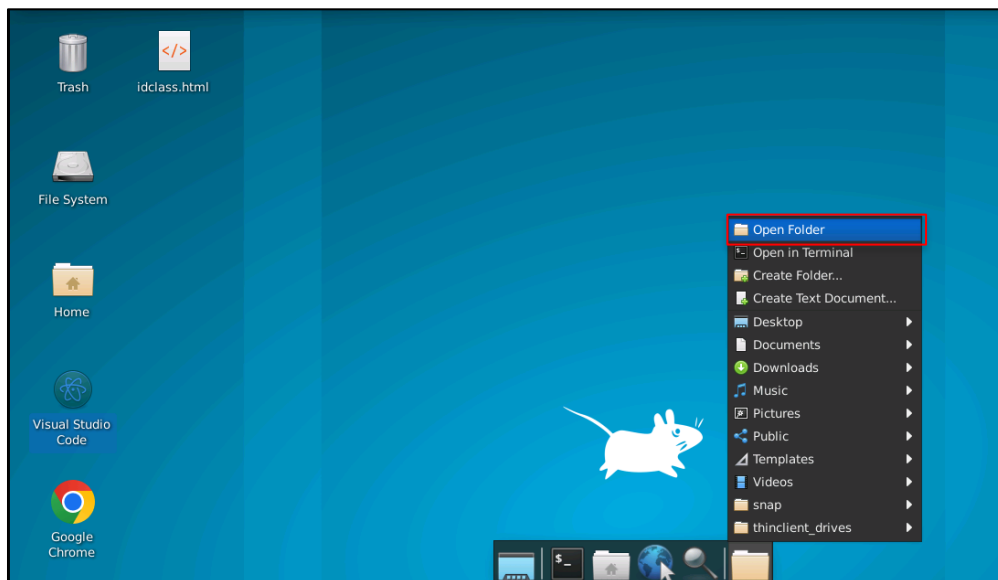
```
idclass.html
C:\Users\prachi.gupta\Desktop>HTML>idclass.html>head>style>.myclass
1 <head>
2   <meta charset="UTF-8">
3   <meta http-equiv="X-UA-Compatible" content="IE=edge">
4   <meta name="viewport" content="width=device-width, initial-scale=1.0">
5   <title>ID and Classes</title>
6   <style>
7     #myid {
8       background-color: lightblue;
9       color: black;
10      padding: 40px;
11      text-align: center;
12    }
13    .myclass {
14      background-color: tomato;
15      color: white;
16      border: 2px solid black;
17      margin: 20px;
18      padding: 20px;
19    }
20  </style>
21 </head>
22 <body>
23   <header> This is the Header
24   <h1 id="myid">Hello World</h1>
25   <p class="myclass">India is filled with cultures. </p>
26 </header>
27 <footer>
28   <center> <p>Contact: 98763766546<br>
29   <a href="mailto:hege@example.com">example@gmail.com</a></p>
30 </footer></center>
31 </body>
32 </html>
```

Step 2: Execute the HTML file

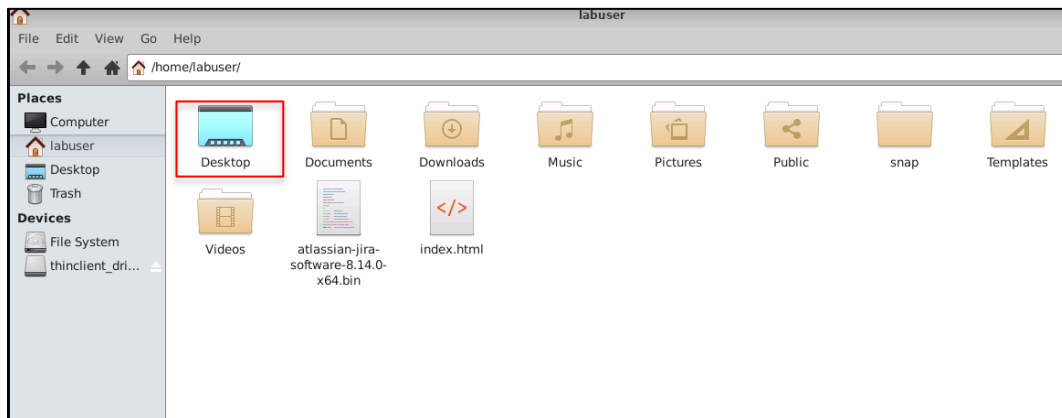
2.1 Click on `/home/labuser`



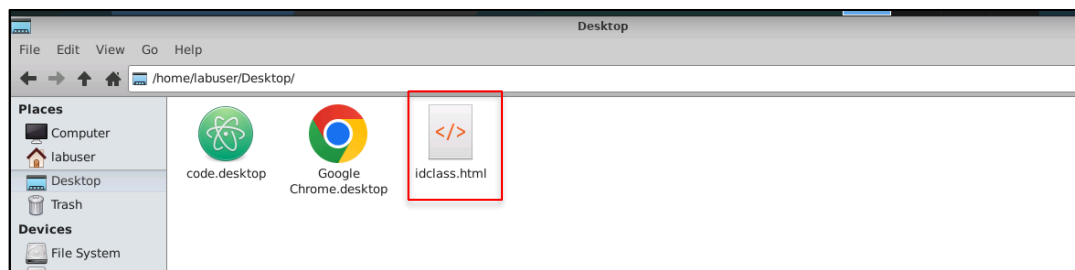
2.2 Click on **Open Folder**



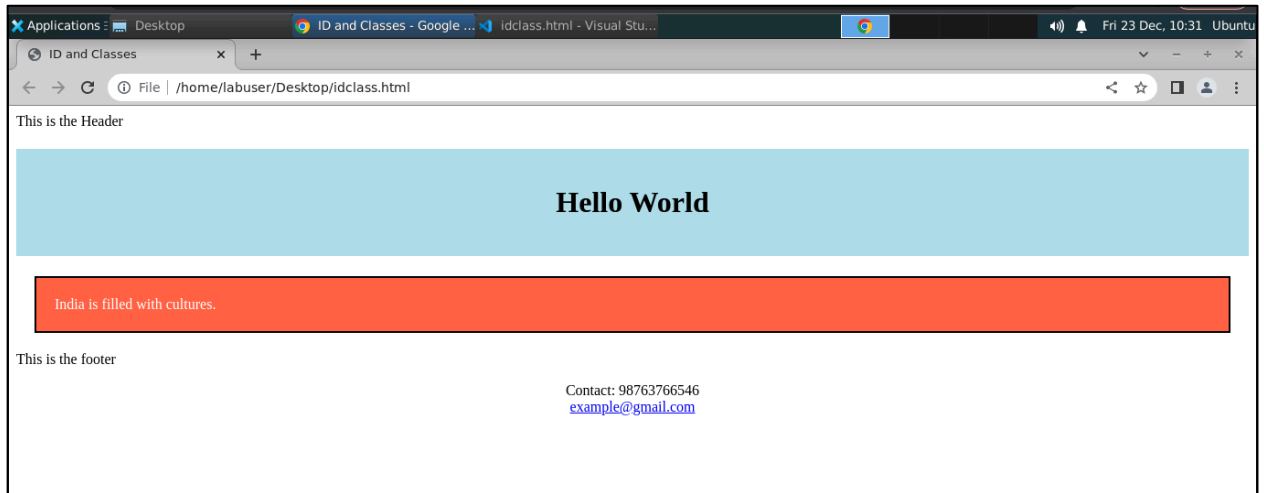
2.3 Click **Desktop**



2.4 Double-click **idclass.html**



2.5 Verify that the web page correctly displays the header with an ID-styled title, a paragraph with a class-style text, and a footer containing contact information



By following these steps, you have successfully created an HTML file incorporating ID and class selectors, a header, and a footer and displayed it in a web browser on an Ubuntu Linux VM.