

## 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

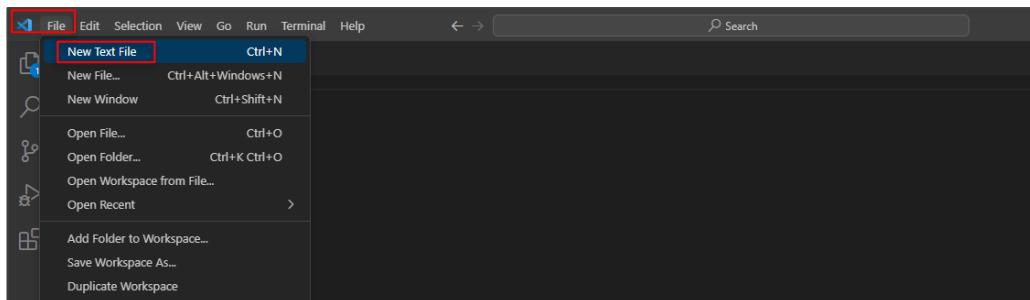
**Prerequisites:** None

Steps to be followed:

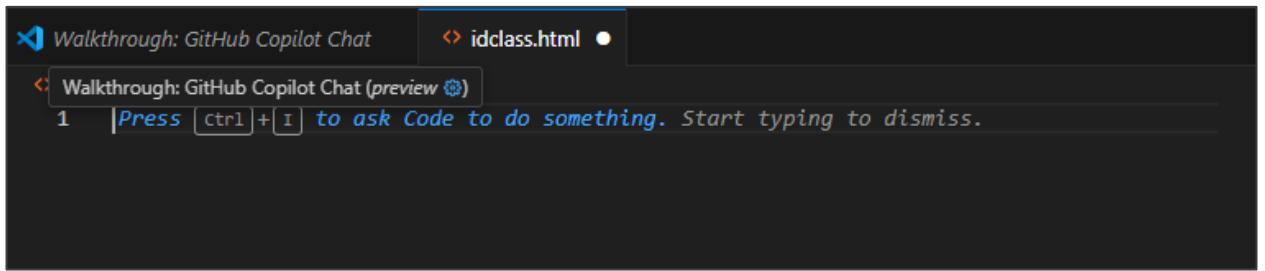
1. Create an HTML file and add the ID, Class, Header, and Footer
2. Execute the HTML file

#### 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**

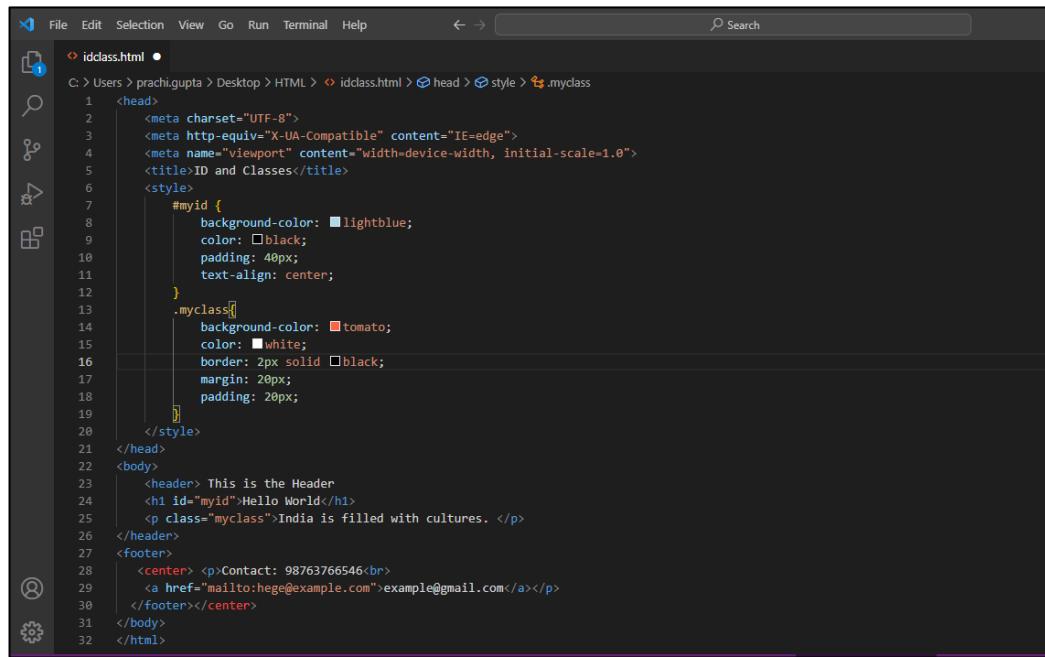


The screenshot shows the GitHub Copilot Chat interface. At the top, there are two tabs: "Walkthrough: GitHub Copilot Chat" and "idclass.html". Below the tabs, a message from the AI says: "Walkthrough: GitHub Copilot Chat (preview ⓘ)". A note at the bottom of the interface says: "1 | Press [Ctrl] + [I] to ask Code to do something. Start typing to dismiss."

- 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>
```

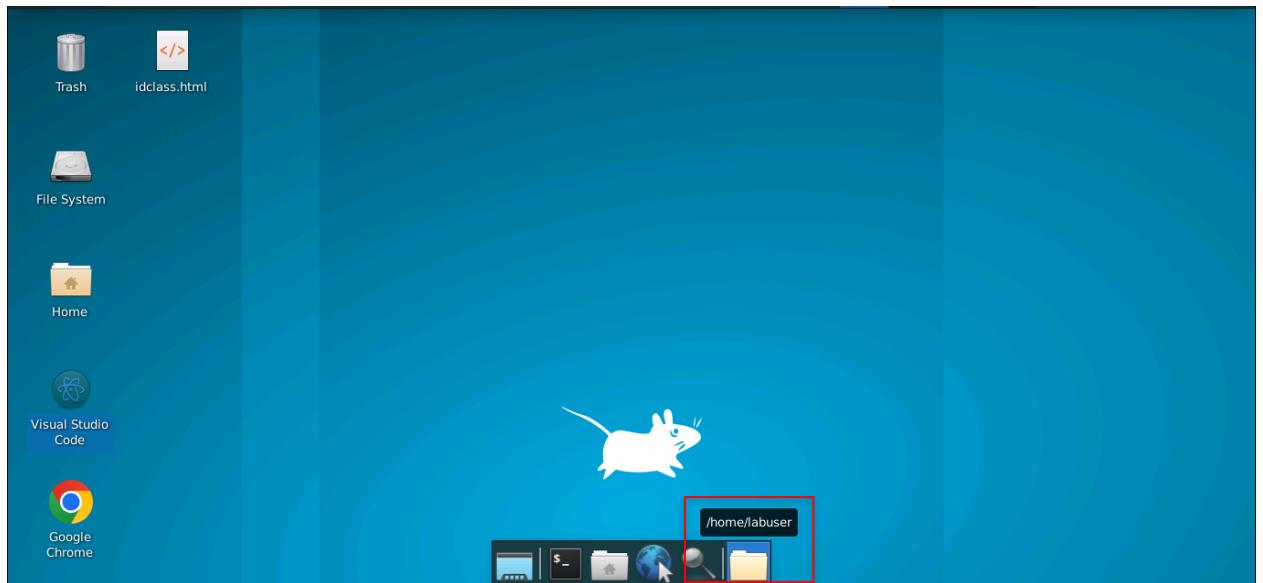


The screenshot shows a code editor window with the file 'idclass.html' open. The code is a combination of HTML and CSS. The HTML includes a header with meta tags, a title, and a body containing a header, a paragraph with a class, and a footer. The CSS uses an ID selector (#myid) for the header and a class selector (.myclass) for the paragraph. The code editor has a dark theme with syntax highlighting. The status bar at the bottom shows the file path: C:\Users\prachi.gupta\Desktop\HTML\idclass.html.

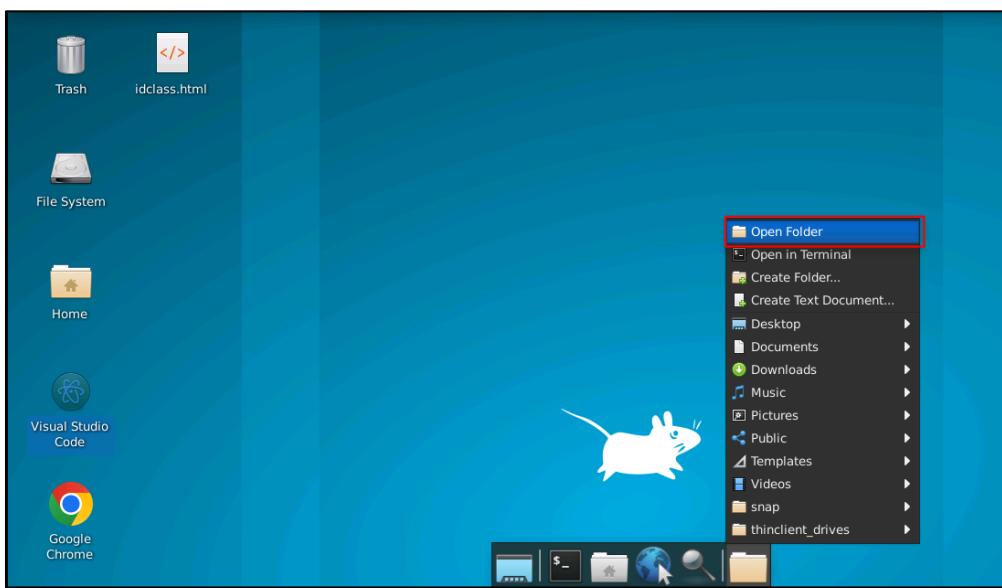
```
C:\Users\prachi.gupta\Desktop\HTML> idclass.html
1  <head>
2    <meta charset="UTF-8">
3    <meta http-equiv="X-UA-Compatible" content="IE=edge">
4    <meta name="viewport" content="width=device-width, initial-scale=1.0">
5    <title>ID and Classes</title>
6    <style>
7      #myid {
8        background-color: 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

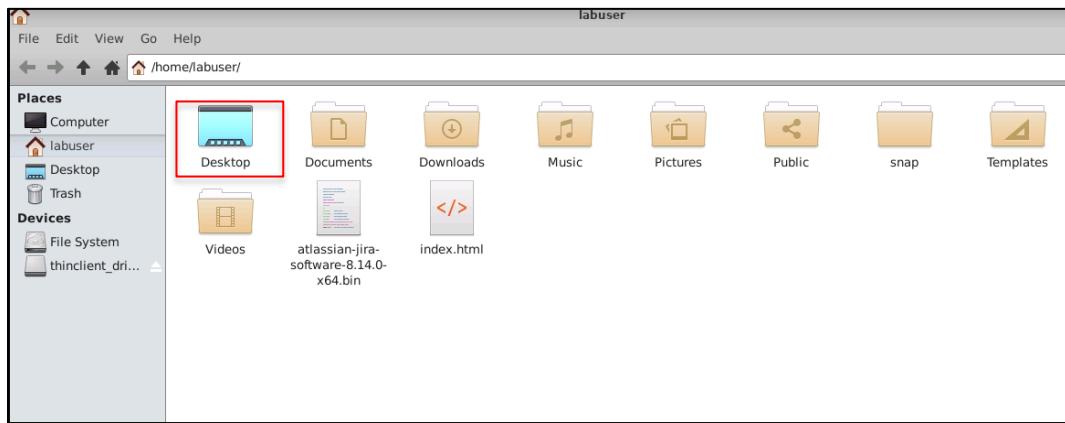
### 2.1 Click on /home/labuser



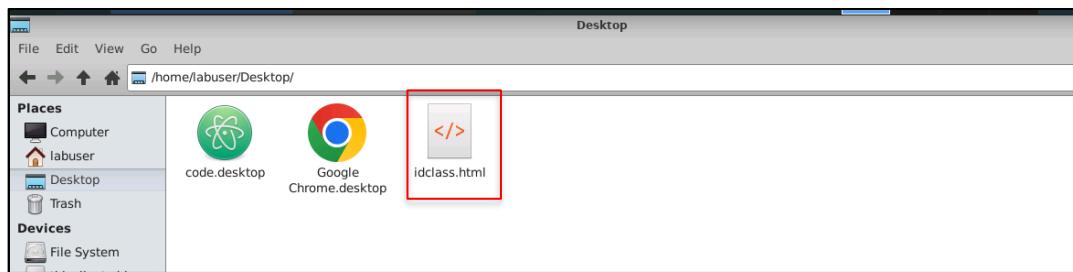
### 2.2 Click on Open Folder



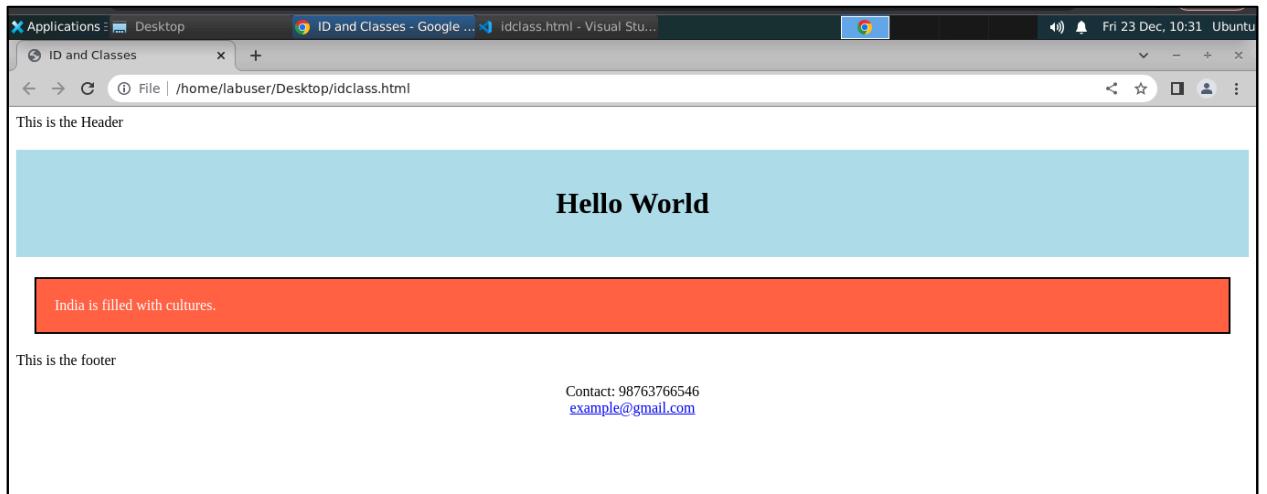
## 2.3 Click Desktop



## 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.