Lesson 04 Demo 01

Developing HTML File with ID, Class, Header, and Footer

Objective: To develop the HTML file with id, class header, and footer
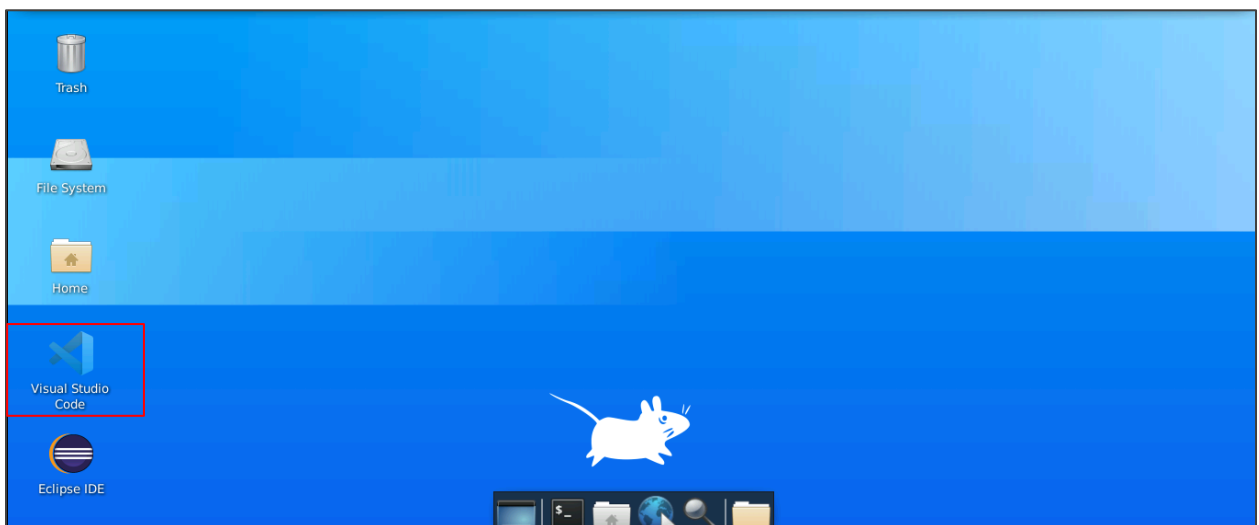
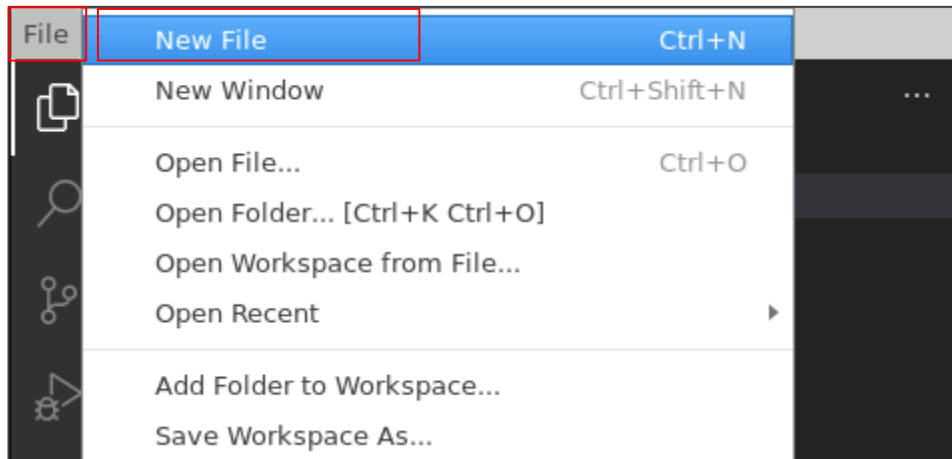**Tools required:** Visual Studio Code, Browser

Prerequisites: None

Steps to be followed:
1. Create the index.html file
2. Add id, class, header, and footer in the HTML file
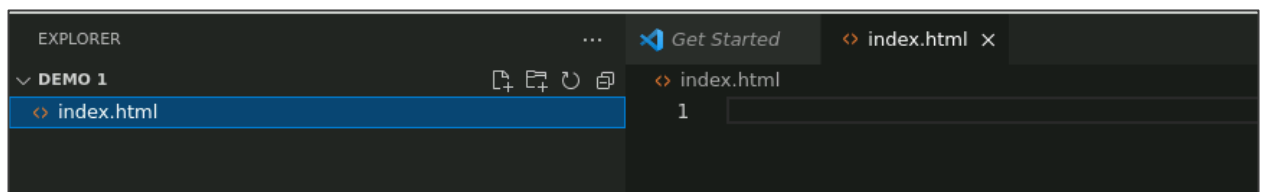3. View the results in your local browser

Step 1: Create the index.html file

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

1.2 Create a file named **index.html**

Step 2: Add id, class, header, and footer in the HTML file

2.1 Enter the following code to add id, class, header, and footer in the HTML file. It can also resolve the warning and errors due to compatibility-related issues:

```
<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>
```

```
<> index.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
```
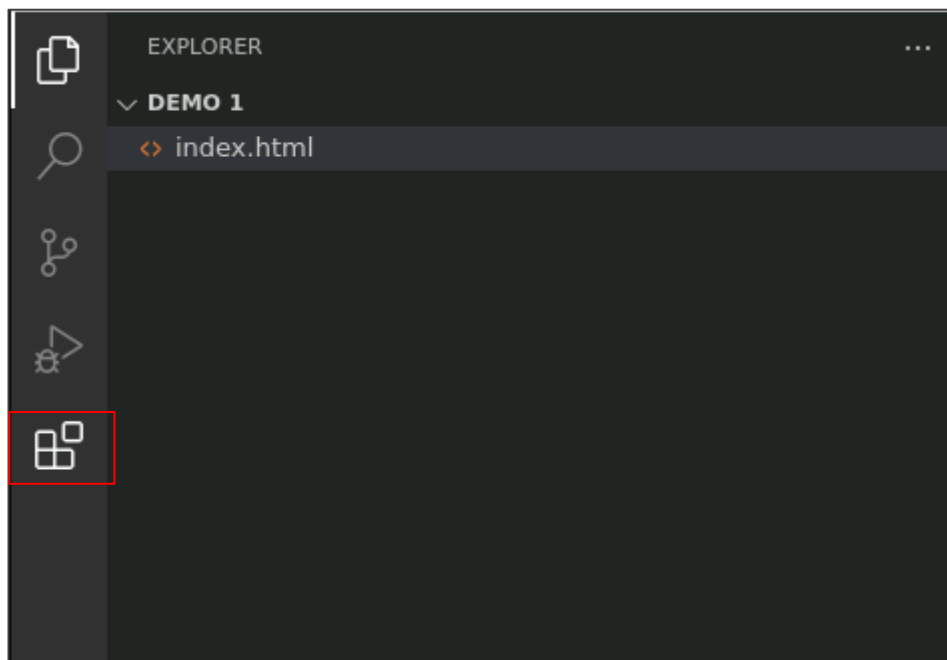
```
22    <body>
23        <header> This is the Header
24        <h1 id="myid">Hello World</h1>
25        <p class="myclass">India is filled with cultures. </p>
26    </header>
27    <footer>
28      <footer> This is the footer
29      <center> <p>Contact: 98763766546<br>
30      <a href="mailto:hege@example.com">example@gmail.com</a></p>
31    </footer></center>
32    </body>
33    </html>
34
```
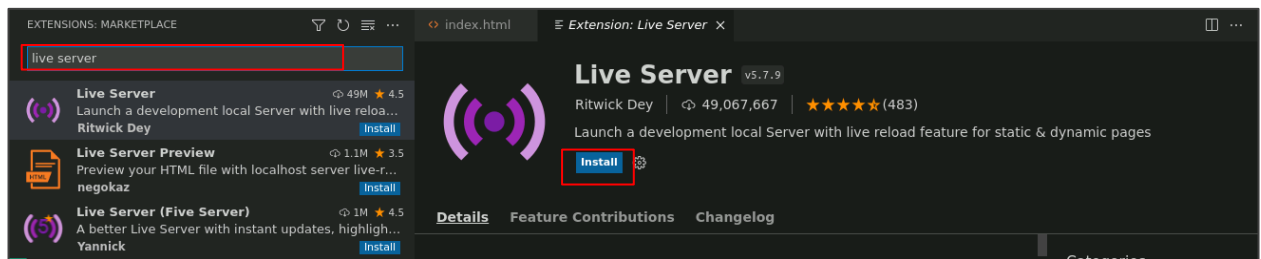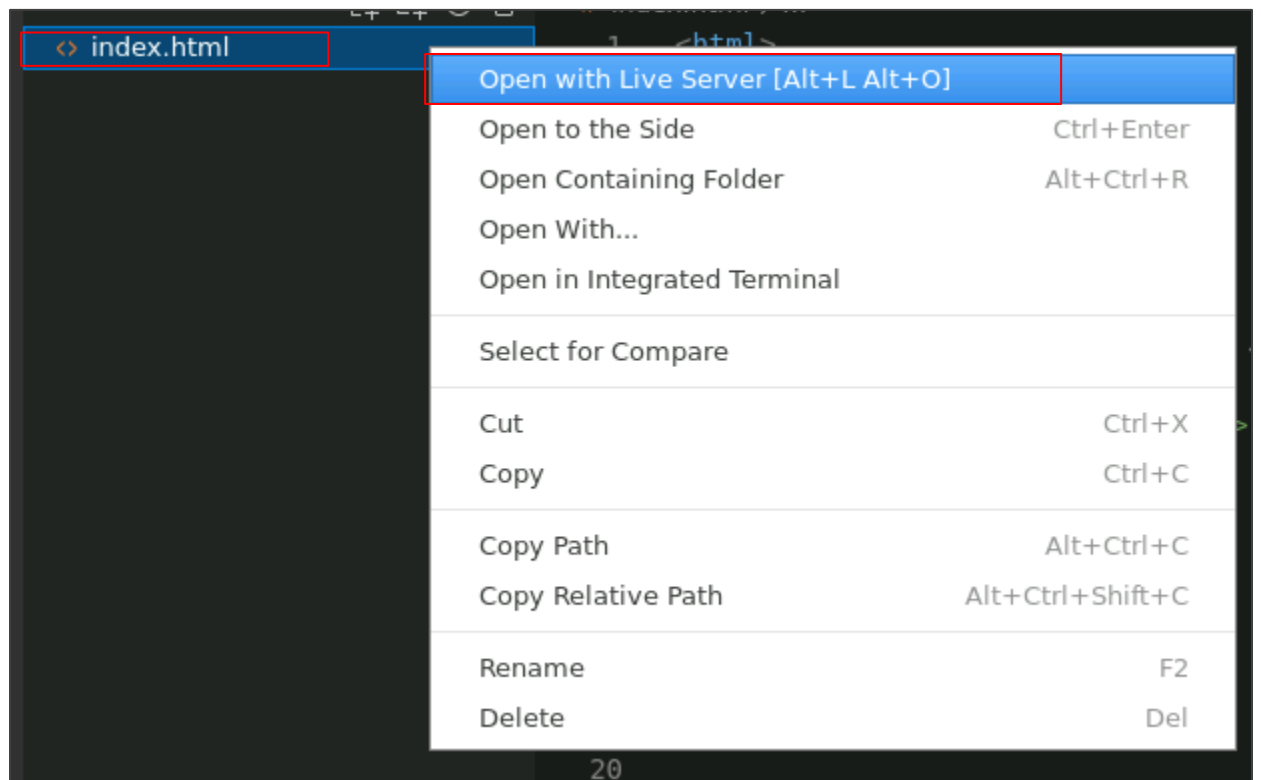
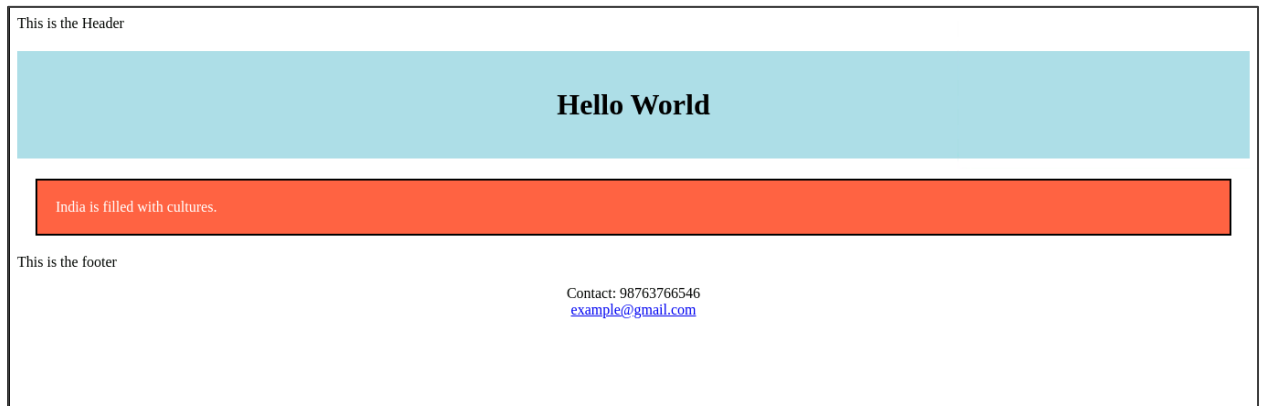## Step 3: View the results in your local browser

3.1 Go to **Extensions** in Visual Studio Code, search for **Live Server**, and **install** it

3.2 Right-click on the **index.html** file of the project, select **Open with Live Server,** and the output obtained will be as shown below:

This is the Header

Hello World

India is filled with cultures.

This is the footer

Contact: 98763766546
example@gmail.com

By following the above steps, you have successfully developed the HTML file with id, class header, and footer.