

Lesson 03 Demo 01

Creating the First Web page

Objective: To develop a web page using HTML

Tools required: Visual Studio Code, Browser

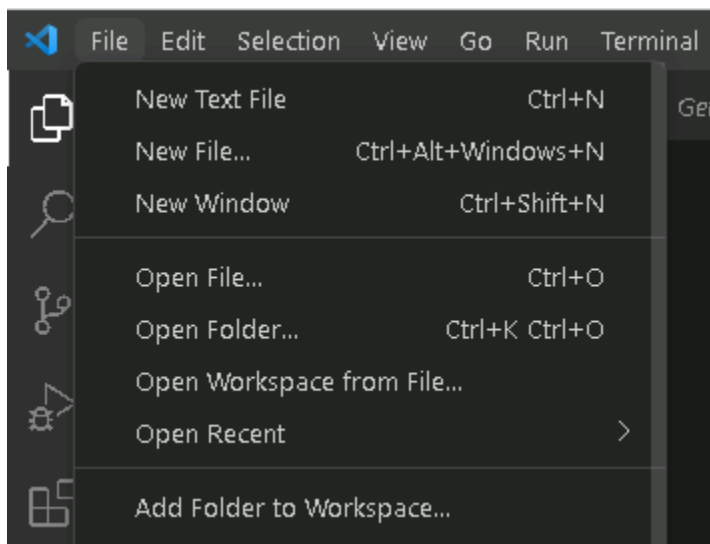
Prerequisites: None

Steps to be followed:

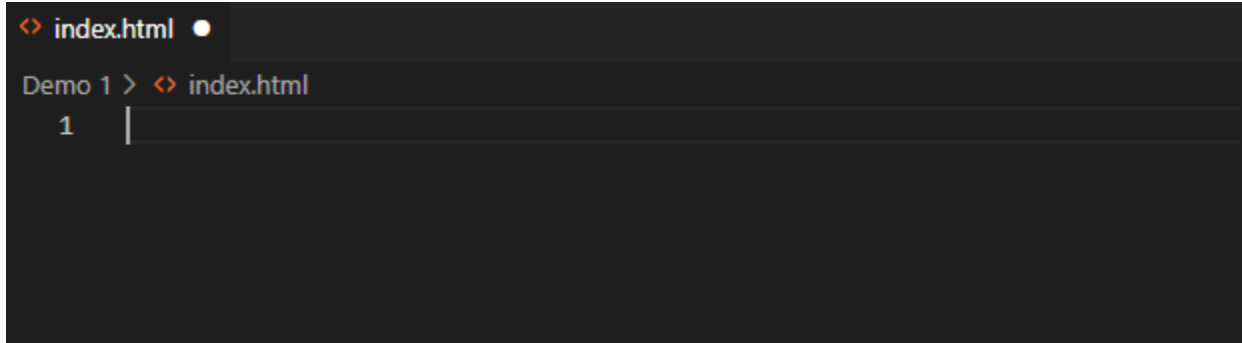
1. Creating an HTML file
2. Viewing the results in the local browser

Step 1: Create an HTML file

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



1.2 Create a file with the name **index.html**:



The screenshot shows a code editor interface. At the top, a tab is labeled 'index.html' with a small icon. Below the tab, the editor area shows 'Demo 1' and a file explorer view with 'index.html' selected. The main editing area is empty, with a line number '1' visible on the left side.

1.3 Enter the below code:

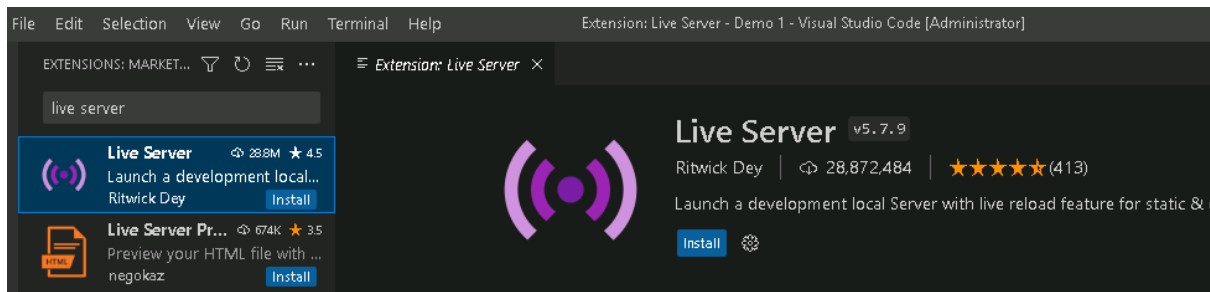
```
<!DOCTYPE html>
<html lang="en">
<head>
</head>
<body>
  <h1> Welcome to the first webpage</h1>
</body>
</html>
```



The screenshot shows the same code editor as before, but now with the HTML code entered. The code is color-coded: '<!DOCTYPE html>' is blue, '<html lang="en">' is orange, '<head>' and '</head>' are blue, '<body>' is orange, '<h1> Welcome to the first webpage</h1>' is orange, and '</body>' and '</html>' are blue. The cursor is at the end of the last line.

Step 2: Viewing the results in the local browser

2.1 Go to **Extensions** in **Visual Studio Code** and download **Live Server**:



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

Welcome to the first webpage

The first web page was created successfully.