

## Lesson 06 Demo 01

### Import Bootstrap to the Application

**Objective:** To import Bootstrap into the application.

**Tools required:** Visual Studio Code, Browser

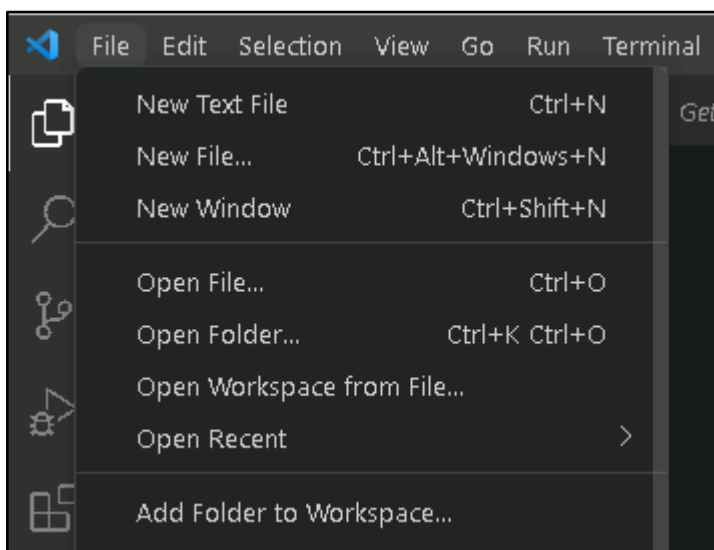
**Prerequisites:** HTML, CSS

Steps to be followed:

1. Writing an HTML page in the code editor
2. Adding bootstrap to the application using CDN
3. Hosting bootstrap locally

#### Step 1: Writing an HTML page in the code editor

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



1.2 Enter the below code:

```
<!DOCTYPE html>
<html lang="en">
<head>

  <title>Web Development Blog</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">

</head>
<body>

  <h1>Web Development Blog</h1>
  <p>This blog discusses web development tools and libraries.</p>

</body>
</html>
```

1.3 Right click on the **File** menu of the code editor -> **Save as** -> enter the filename **index.html** -> **Save**



**Step 2: Adding bootstrap to the application using CDN**

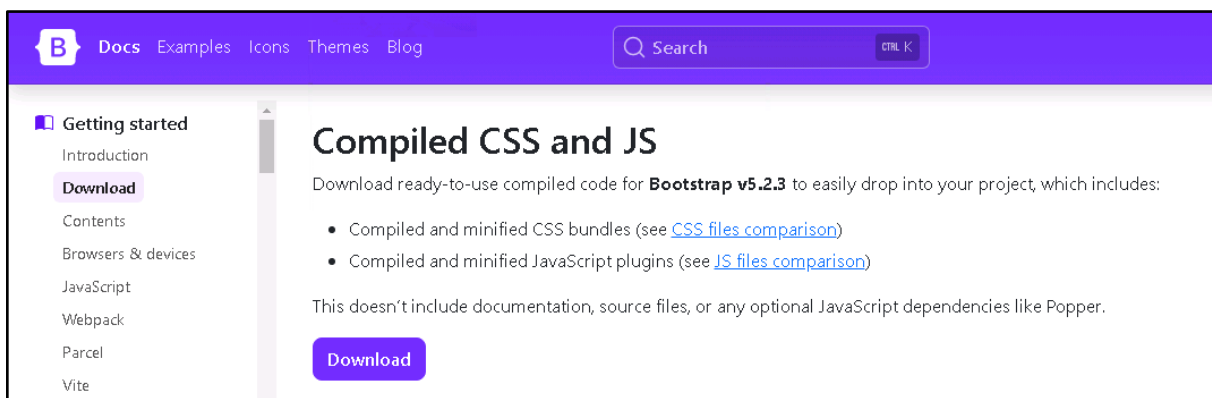
2.1 Update the head section of your code to match the code below:

```
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
```

### Step 3: Hosting bootstrap locally

3.1 Download the Bootstrap files from the below link:

<https://getbootstrap.com/docs/5.2/getting-started/download/>



3.2 Unzip the file, rename the root folder as **bootstrap**, and copy its contents into the same directory as **index.html**:

3.3 Go back to **Visual Studio Code**, open the **index.html** file, and add the following line in the head section of the **index.html** file:

```
<link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
```

```

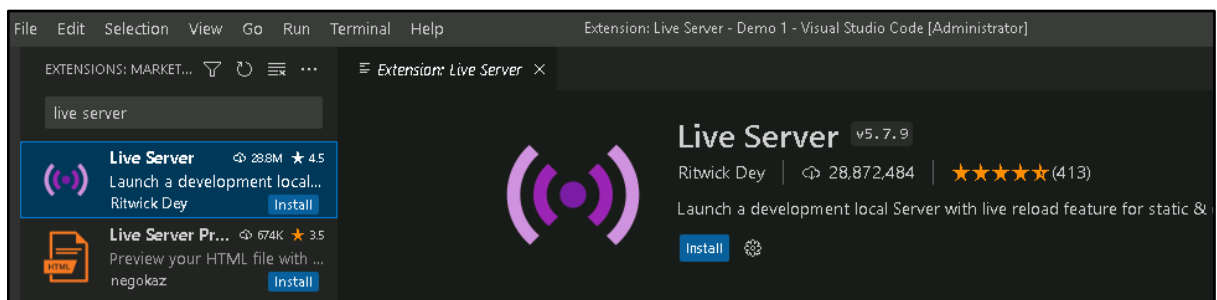
File Edit Selection View Go Run Terminal Help
index.html - Demo 1 - Visual Studio Code [Administrator]

EXPLORER
DEMO 1
  bootstrap
  bootstrap-5.2.3-dist.zip
  index.html

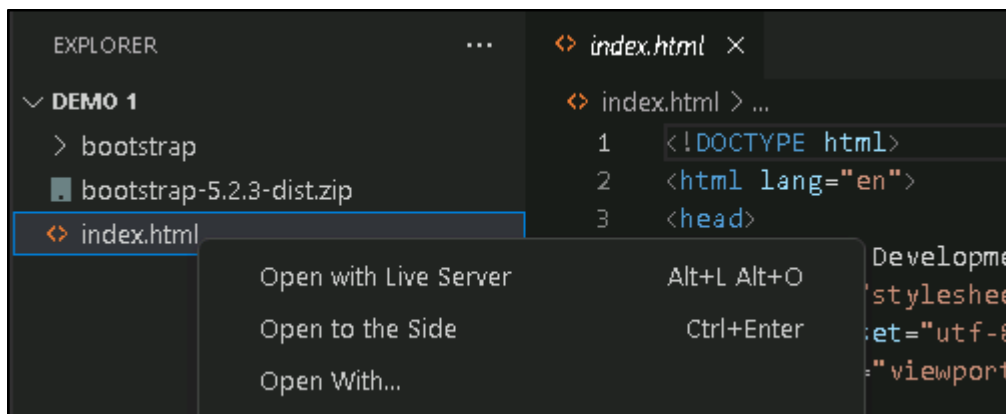
index.html X
index.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Web Development Blog</title>
5   <link rel="stylesheet" href="bootstrap/css/bootstrap.min.css">
6   <meta charset="utf-8">
7   <meta name="viewport" content="width=device-width, initial-scale=1">
8
9   <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" int
10 </head>
11 <body>
12   <h1>Web Development Blog</h1>
13   <p>This blog discusses web development tools and libraries.</p>
14 </body>
15 </html>
16

```

3.4 Go to **Extensions** and download **Live Server**:



3.5 Right-click on the **index.html** file of the project and select **Open with Live Server**:



3.6 The output obtained will be as below:

