

Lesson 06 Demo 03

Developing a Static Web Page

Objective: To develop a static web page

Tools required: Visual Studio Code

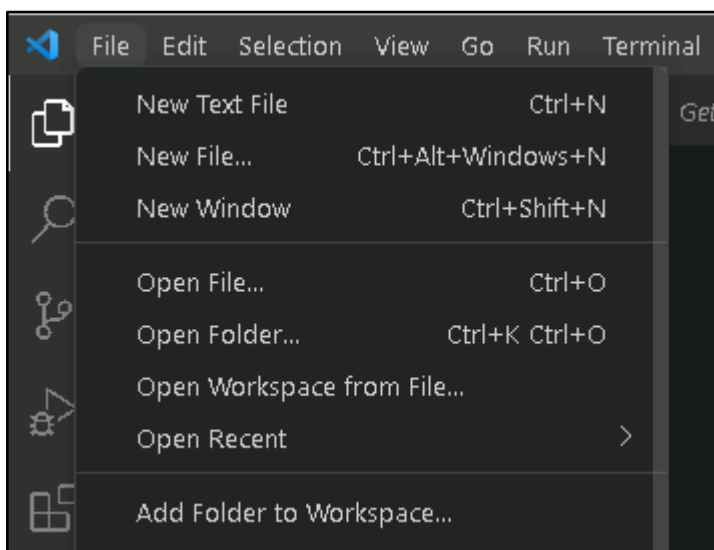
Prerequisites: NA

Steps to be followed:

1. Building a static web page
2. Viewing the results in the local browser

Step 1: Building a static web page

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">

  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
</head>

<body>
  <div class="page-header">
    <h1>Introduction to Bootstrap</h1>
    
  </div>
  <div class="container-fluid">

    <p> Get started with <mark>Bootstrap</mark>, the world's most popular
framework for building responsive, mobile-first sites, with Bootstrap <abbr title="Content
Delivery Network">CDN</abbr> and a template starter page. </p>

    <p>According to the official website, Bootstrap is the most popular HTML, CSS,
and JS framework for developing responsive, mobile first projects on the web. Sounds
great! Now how do I use it? It would be easy to send you over to their Getting Started
page and call it a day. Their setup guide is indeed a host of useful information — links to
CDNs, explanations on how to install with Bower, npm, and Composer, information on
integration with Autoprefixer and LESS, a bunch of templates, licenses, and translations —
but you could read this blog here instead for a better and easier understanding.</p>
    <span class="glyphicon glyphicon-pencil"></span>
```

<p class="text-center">The list below shows the different version of Bootstrap so far. </p>

```
<ul class="list-group">
  <li class="list-group-item">v1.x</li>
  <li class="list-group-item">v2.x</li>
  <li class="list-group-item">v3.x</li>
  <li class="list-group-item">v4.x</li>
</ul>
```

<p class="text-center bg-info"> The main features of bootstrap is, it is very simple and easy to use, huge JavaScript plugins are available, easily design mobile friendly website.</p>

</div>

```
<div class="container-fluid">
  <h2></h2>
  <table class="table table-bordered table-striped">
    <thead>
      <tr >
        <th>Features of Bootstrap</th>
      </tr>

    </thead>
    <tbody>
      <tr>
        <td>Easy to Use</td>
      </tr>
      <tr>
        <td>Mobile Friendly</td>
      </tr>
      <tr>
        <td>Prestyled Components</td>
      </tr>
    </tbody>
```

```

</table>
</div>
<div class="container-fluid"
    <p class="text-left">Lets take a look at the components of bootstrap:</p>
    <h1>CSS<span class="badge badge-secondary">Quoted</span></h1>
    <p class="text-justify">Copy-paste the stylesheet link into your head before all
other stylesheets to load our CSS.</p>
    <h2>JS <span class="badge badge-secondary">Quoted</span></h2>
    <p class="text-justify">Many of our components require the use of JavaScript
to function. Specifically, they require jQuery, Popper.js, and our own JavaScript plugins.
Place the following scripts near the end of your pages, right before the closing bodytag, to
enable them. jQuery must come first, then Popper.js, and then our JavaScript plugins. We
use jQuery's slim build, but the full version is also supported.</p>
</div>
<div class="card">
    <div class="card-header">Author</div>
    <div class="card-body">The article was contributed by katesmith12</div>
    <a href="https://www.sitesbay.com/bootstrap/bootstrap-features-of-
bootstrap" class="card-footer btn btn-outline-primary stretched-link">View
References</a>
</div>
<!-- Footer -->
<footer class="page-footer font-small indigo">

<!-- Copyright →

<div class="footer-copyright text-center py-3">This is the footer section where you
can put the address and copyright details. © 2018 Copyright:
    <a href="https://simplilearn.net/"> Simplilearn</a>
</div>
<!-- Copyright -->

</footer>
<!-- Footer -->

```

```
<script src="https://code.jquery.com/jquery-3.3.2.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.2.3/js/bootstrap.min.js"
integrity="sha384-
ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"
crossorigin="anonymous"></script>
</body>
</html>
```

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

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

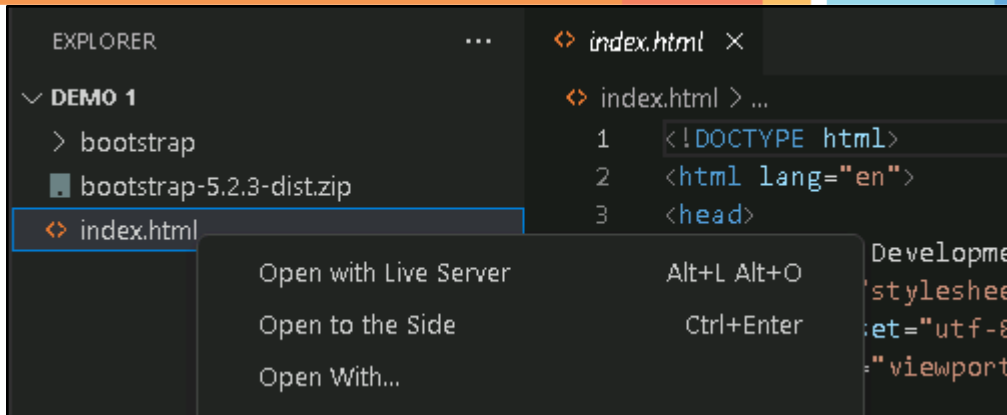
  <title>Web Development Blog</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">

  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.3/css/bootstrap.min.css" integrity="sha384-TX6pUCmQthd5z+JNqQ5VHmS+iT6U5X6A5Tdrf0O6Ibg4cKdM6132iT6d4FpfK" crossorigin="anonymous">
</head>

<body>
  <div class="page-header">
    <h1>Introduction to Bootstrap</h1>
    
  </div>
  <div class="container-fluid">
    <p> Get started with <mark>Bootstrap</mark>, the world's most popular framework for building responsive, mobile first web applications. </p>
  </div>
</body>
</html>
```

Step 2: Viewing the results in the local browser

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



2.2 The output obtained will be as shown below:



