1. Import Bootstrap in Your Application. Bootstrap.html
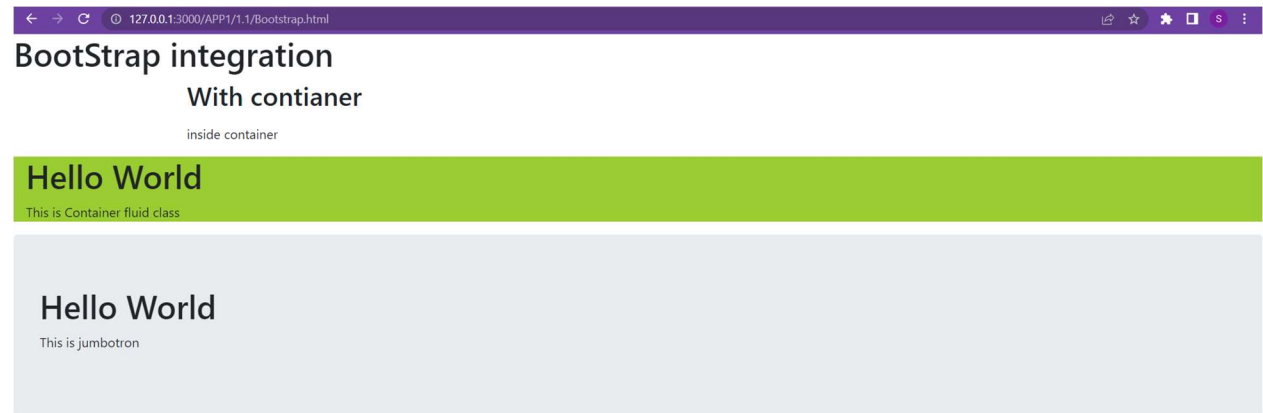
```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
</head>
<body>
    <h1>BootStrap integration</h1>
    <div class="container">
        <h2>With contianer</h2>
        <p></p>inside container</p>
    </div>

    <div class="container-fluid" style="background-color: yellowgreen;">
        <h1>Hello World</h1>
        <p>This is Container fluid class</p>
    </div>
    <div class="jumbotron">
        <h1>Hello World</h1>
        <p>This is jumbotron</p>
    </div>
    <script
src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
Fy6S3B9q64WdZWQUiU+q4/2Lc9npb8tCaSX9FK7E8HnRr0Jz8D6OP9dO5Vg3Q9ct"
crossorigin="anonymous"></script>
</body>
</html>
```

OUTPUT

BootStrap integration

With contianer

inside container

Hello World

This is Container fluid class

Hello World

This is jumbotron

2.Develop a Static Web Page.

Static.html

```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-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
</head>

<body>
    <div class="page-header">
        <h1>Introduction to Bootstrap</h1>
        <img src="https://images.pexels.com/photos/326424/pexels-photo-
326424.jpeg" class="img-fluid w-100 p-3" alt="Responsive image" style="width:
100%;">
    </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. <span class="glyphicon glyphicon-list-alt"></span></p>
```

```html
    <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
```

```html
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>
```

OUTPUT

Introduction to Bootstrap

Get started with <mark>Bootstrap</mark>, the world's most popular framework for building responsive, mobile-first sites, with Bootstrap CDN and a template starter page.

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.

The list below shows the different version of Bootstrap so far.

- v1.x
- v2.x
- v3.x
- v4.x

The main features of bootstrap is, it is very simple and easy to use, huge JavaScript plugins are available, easily design mobile friendly website.

Features of Bootstrap
Easy to Use
Mobile Friendly
Prestyled Components

Lets take a look at the components of bootstrap:

CSSQuoted

Copy-paste the stylesheet link into your head before all other stylesheets to load our CSS.

JS Quoted

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.

Author
The article was contributed by katesmith12
View References
This is the footer section where you can put the address and copyright details. © 2018 Copyright: Simplilearn

3.Create a form using Bootstrap.

Forms.html

```html
<!DOCTYPE html>
<html lang="en">
<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>Document</title>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
</head>
<body>


    <div class="container">
        <h1>Login Form</h1>
        <div class="row">
            <div class="col-md-6 mb-3">
                <form action="submit.php" method="post">

                    <div class="form-group">
                        <label for="email">Email Id: </label>
                        <input type="text" id="email" placeholder="Enter Your
Email Id">
                    </div>

                    <div class="form-group">
                        <label for="email">Password: </label>
                        <input type="password" id="password" placeholder="Enter
Your Password">
                    </div>

                    <h1>Registration Form</h1>
                     <div class="form-group">
                        <label for="file">Upload File:</label>
                        <input type="file" id="file">
                     </div>
```

```html
<div class="form-group">
    <label for="radio">Age: 20 to 40</label>
    <input type="radio" id="age">
</div>

<div class="form-group">
    <label for="radio">Age: 40 to 60</label>
    <input type="radio" id="age">
</div>

<div class="form-group">
    <label for="radio">Age: above 60</label>
    <input type="radio" id="age">
</div>



<div class="container">
    <div class="row">
        <div class="col">
            <div class="form-group">
                <select class="form-control form-control-lg">
                    <option>Large Select</option>
                </select>

                <select class="form-control">
                    <option>Defaut Select</option>
                </select>

                <select class="form-control form-control-sm">
                    <option>Small Select</option>
                </select>

            </div>
        </div>

        <div class="col">
            <div class="form-group">
                <lablel for="checkbox">Age : Above
60</lablel>

                <input type="checkbox" id="age">
            </div>
```

```html
                            </div>


                        </div>
                    </div>


                    <div class="form-group">
                        <input type="submit" value="Register">
                    </div>
                </form>
            </div>
        </div>

    </div>


<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
Fy6S3B9q64WdZWQUiU+q4/2Lc9npb8tCaSX9FK7E8HnRr0Jz8D6OP9dO5Vg3Q9ct"
crossorigin="anonymous"></script>
</body>
</html>
```

OUTPUT

Login Form

Email Id: [Enter Your Email Id]

Password: [Enter Your Password]

Registration Form

Upload File: [Choose file] No file chosen

Age: 20 to 40 ○

Age: 40 to 60 ○

Age: above 60 ○

[Large Select ⌄]   Age : Above 60 ☐

[Defaut Select ⌄]

[Small Select ⌄]

[Register]

4. Navigation and Pagination.

Pagination.html

```html
<!DOCTYPE html>
<html lang="en">
<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>Document</title>

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
</head>
<body>


    <h1>Pagination Demo</h1>
    <div class="container">
        <ul class="pagination pagination-sm">
            <li class="page-item disabled">
                <a href="#" class="page-link">Prev</a>
            </li>


            <li class="page-item">
                <a href="#" class="page-link">Page1</a>
            </li>


            <li class="page-item">
                <a href="#" class="page-link">Page2</a>
            </li>


            <li class="page-item">
                <a href="#" class="page-link">Page3</a>
            </li>

            <li class="page-item">
                <a href="#" class="page-link">Next</a>
```

```
                    </li>
            </ul>
        </div>

<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"
integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
Fy6S3B9q64WdZWQUiU+q4/2Lc9npb8tCaSX9FK7E8HnRr0Jz8D6OP9dO5Vg3Q9ct"
crossorigin="anonymous"></script>
</body>
</html>
```

OUTPUT