

Assignment -1

Cloud Application Development - B3-3M5E

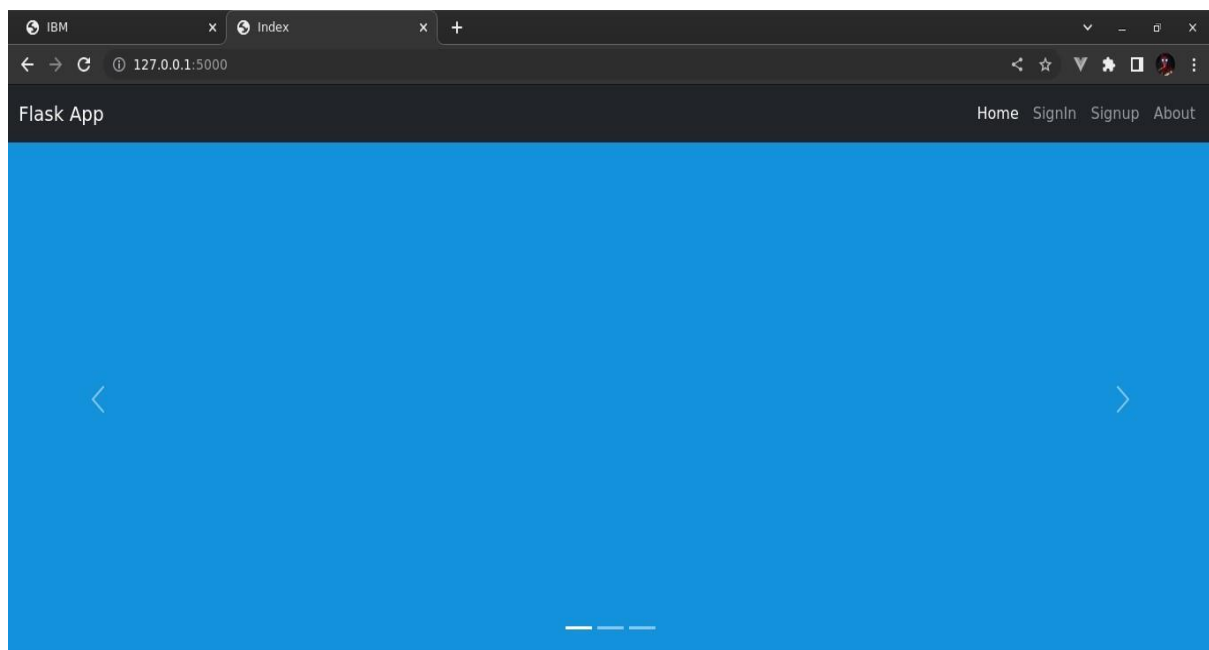
Assignment Date	18 September 2022
Student Name	Ms. K. Monika
Student Roll Number	821919104013
Maximum Marks	2 Marks

Question-1:

- 1 . Create a Flask App
- 2 . Add the Home page , About Page ,
- 3 . Add the Bootstrap
- 4 . Add the Sign in page and Signup Page

Solution:

1. Create a Flask App



2. Home Page

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>About</title>
8   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Nakl8aCzocM3NVMOdPtP90t7S8Qa4UHNM8dN36/iOs0FH/xqmAJz6uY604phI2p4X" crossorigin="anonymous">
9 </head>
10 <body>
11   <nav class="navbar navbar-expand-lg bg-light">
12     <div class="container-fluid">
13       <a class="navbar-brand" href="/home.html">Home</a>
14       <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportContent" data-bs-collapse="collapse">
15         <span class="navbar-toggler-icon"></span>
16       </button>
17       <div class="collapse navbar-collapse" id="navbarSupportContent">
18         <ul class="navbar-nav me-auto mb-2 mb-lg-0">
19           <li class="nav-item">
20             <a class="nav-link active" aria-current="page" href="/signin.html">Signin</a>
21           </li>
22           <li class="nav-item">
23             <a class="nav-link" href="/Signup.html">Signup</a>
24           </li>
25           <li class="nav-item dropdown">
26             <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
27               Dropdown
28             </a>
29             <ul class="dropdown-menu">
30               <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31             </ul>
32           </li>

```

```
23       <a class="nav-link" href="/Signup.html">Signup</a>
24     </li>
25     <li class="nav-item dropdown">
26       <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
27         Dropdown
28       </a>
29       <ul class="dropdown-menu">
30         <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31       </ul>
32     </li>
33   </ul>
34   <form class="d-flex" role="search">
35     <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
36     <button class="btn btn-outline-success" type="submit">Search</button>
37   </form>
38 </div>
39 </div>
40 </nav>
41 <h1 style="padding-top:100px;text-align: center;color: #666;"><b>About Us </b></h1>
42 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-M3wP/NyDpkdIKo1gm66xwwIFnxGG2QJ0p/skF5dVMey9rrY/M2sf7wgMBYD7OPztP2" crossorigin="anonymous"></script>
43 </body>
44 </html>
```

About Page:

```
<> About.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>About</title>
8      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-11mCG989CEY/j6fYhp0ub160nFpsI3yTdUGO6WfceFYHnu49Rj78Sh/GsBK" crossorigin="anonymous">
9  </head>
10 <body>
11     <nav class="navbar navbar-expand-lg bg-light">
12         <div class="container-fluid">
13             <a class="navbar-brand" href="/home.html">Home</a>
14             <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportContent" aria-controls="navbarSupportContent" aria-expanded="false" aria-label="Toggle navigation">
15                 <span class="navbar-toggler-icon"></span>
16             </button>
17             <div class="collapse navbar-collapse" id="navbarSupportContent">
18                 <ul class="navbar-nav me-auto mb-2 mb-lg-0">
19                     <li class="nav-item">
20                         <a class="nav-link active" aria-current="page" href="/signin.html">Signin</a>
21                     </li>
22                     <li class="nav-item">
23                         <a class="nav-link" href="/Signup.html">Signup</a>
24                     </li>
25                     <li class="nav-item dropdown">
26                         <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
27                             Dropdown
28                         </a>
29                         <ul class="dropdown-menu">
30                             <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31                         </ul>
32                     </li>
33                 </ul>

```

```
<> About.html > ...
22     <li class="nav-item">
23         <a class="nav-link" href="/Signup.html">Signup</a>
24     </li>
25     <li class="nav-item dropdown">
26         <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
27             Dropdown
28         </a>
29         <ul class="dropdown-menu">
30             <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31         </ul>
32     </li>
33 </ul>
34 <form class="d-flex" role="search">
35     <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
36     <button class="btn btn-outline-success" type="submit">Search</button>
37 </form>
38 </div>
39 </div>
40 </nav>
41 <h1 style="padding-top:100px;text-align: center;color: #666;"><b>About Us </b></h1>
42 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-M3wP/NyDPLqNKDP4AyWfeBPxjNo+1umIuuYUS49ElweyBCfd/P4ah/K1spJCGpD" crossorigin="anonymous"></script>
43 </body>
44 </html>

```

Index:

```
<? index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>INDEX</title>
8  </head>
9  <body>
10     <link href = "https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integ
11
12     <nav class="navbar navbar-expand-lg bg-light">
13         <div class="container-fluid">
14             <a class="navbar-brand" href="/home.html">Home</a>
15             <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedCor
16                 <span class="navbar-toggler-icon"></span>
17             </button>
18             <div class="collapse navbar-collapse" id="navbarSupportedContent">
19                 <ul class="navbar-nav me-auto mb-2 mb-lg-0">
20                     <li class="nav-item">
21                         <a class="nav-link active" aria-current="page" href="/signin.html">Signin</a>
22                     </li>
23                     <li class="nav-item">
24                         <a class="nav-link" href="/Signup.html">Signup</a>
25                     </li>
26                     <li class="nav-item dropdown">
27                         <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="
28                             Dropdown
29                         </a>
30                         <ul class="dropdown-menu">
31                             <li><a class="dropdown-item" href="/About.html">About Us</a></li>
32                         </ul>
33                     </li>
```

```

                <ul class="dropdown-menu">
                    <li><a class="dropdown-item" href="/About.html">About Us</a></li>
                </ul>
            </li>
        </ul>
        <form class="d-flex" role="search">
            <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
            <button class="btn btn-outline-success" type="submit">Search</button>
        </form>
    </div>
</div>
</nav>
<div id="carouselExampleIndicators" class="carousel slide" data-bs-ride="carousel">
    <div class="carousel-indicators">
        <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="0" class="active">
        <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="1" aria-label="Sli
        <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="2" aria-label="Sli
    </div>
    <div class="carousel-inner">
        <div class="carousel-item active">
            <div class="d-block w-100" style="height: 500px; background-color: #c51b73" ></div>
        </div>
        <div class="carousel-item">
            <div class="d-block w-100" style="height: 500px; background-color: #11058e" ></div>
        </div>
        <div class="carousel-item">
            <div class="d-block w-100" style="height: 500px; background-color: #8114c4" ></div>
        </div>
    </div>
    <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleIndicators" data-bs-
        <span class="carousel-control-prev-icon" aria-hidden="true"></span>
        <span class="visually-hidden">Previous</span>
```

```

55     <div class="carousel-item">
56         <div class="d-block w-100" style="height: 500px; background-color: #8114c4" ></div>
57     </div>
58 </div>
59 <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleIndicators" data-bs-
60     <span class="carousel-control-prev-icon" aria-hidden="true"></span>
61     <span class="visually-hidden">Previous</span>
62 </button>
63 <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleIndicators" data-bs-
64     <span class="carousel-control-next-icon" aria-hidden="true"></span>
65     <span class="visually-hidden">Next</span>
66 </button>
67 </div>
68
69 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha3-
70 </body>
71 </html>

```

3. Sign in page:

```

<? sign in.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Signin</title>
8      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integr
9  </head>
10 <body>
11     <nav class="navbar navbar-expand-lg bg-light">
12         <div class="container-fluid">
13             <a class="navbar-brand" href="/home.html">Home</a>
14             <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupporte
15                 <span class="navbar-toggler-icon"></span>
16             </button>
17             <div class="collapse navbar-collapse" id="navbarSupportedContent">
18                 <ul class="navbar-nav me-auto mb-2 mb-lg-0">
19                     <li class="nav-item">
20                         <a class="nav-link active" aria-current="page" href="/signin.html">Signin</a>
21                     </li>
22                     <li class="nav-item">
23                         <a class="nav-link" href="/Signup.html">Signup</a>
24                     </li>
25                     <li class="nav-item dropdown">
26                         <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expand
27                             Dropdown
28                         </a>
29                         <ul class="dropdown-menu">
30                             <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31                         </ul>
32                     </li>
33                 </ul>

```

```

signin.html > html > head
25     <li class="nav-item dropdown">
26         <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
27             Dropdown
28         </a>
29         <ul class="dropdown-menu">
30             <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31         </ul>
32     </li>
33 </ul>
34 <form class="d-flex" role="search">
35     <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
36     <button class="btn btn-outline-success" type="submit">Search</button>
37 </form>
38 </div>
39 </div>
40 </nav>
41 <h1 style="text-align: center; padding-top: 30px;"><b>Sign-In</b></h1>
42 <div class="container">
43 <br><br>
44 <form style="margin: 0 20%" method="POST" action="/signin">
45     <!-- Email input -->
46     <div class="form-outline mb-4">
47         <label class="form-label" for="form2Example1">Email address</label>
48         <input type="email" name="email" id="form2Example1" class="form-control" />
49     </div>
50
51     <!-- Password input -->
52     <div class="form-outline mb-4">
53         <label class="form-label" for="form2Example2">Password</label>
54         <input type="password" name="password" id="form2Example2" class="form-control" />
55     </div>
56

```

```

signin.html > html > head
45     <!-- Email input -->
46     <div class="form-outline mb-4">
47         <label class="form-label" for="form2Example1">Email address</label>
48         <input type="email" name="email" id="form2Example1" class="form-control" />
49     </div>
50
51     <!-- Password input -->
52     <div class="form-outline mb-4">
53         <label class="form-label" for="form2Example2">Password</label>
54         <input type="password" name="password" id="form2Example2" class="form-control" />
55     </div>
56
57 </div>
58 <br>
59 <!-- Submit button -->
60 <center>
61 <button type="submit" class="btn btn-primary btn-block mb-4" style="width:300px">Sign in</button>
62 </center>
63
64 </form>
65 </div>
66 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384-C6x5787C6cy9d2kF0z6Q720whKb9VG8PhK20EPW60YkpBjJZdN20n7E7hK20276"
67 </body>
68 </html>

```

Sign up page:

```
<> Signup.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Signup</title>
8      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gkQhIw662eY3nFwz7v7V8qo4tAwyw938qCpe4tAwF5XAuTFLfV479eLW4otFw" crossorigin="anonymous">
9  </head>
10 <body>
11     <nav class="navbar navbar-expand-lg bg-light">
12         <div class="container-fluid">
13             <a class="navbar-brand" href="/home.html">Home</a>
14             <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportContent" data-bs-collapse="collapse">
15                 <span class="navbar-toggler-icon"></span>
16             </button>
17             <div class="collapse navbar-collapse" id="navbarSupportContent">
18                 <ul class="navbar-nav me-auto mb-2 mb-lg-0">
19                     <li class="nav-item">
20                         <a class="nav-link active" aria-current="page" href="/signin.html">Signin</a>
21                     </li>
22                     <li class="nav-item">
23                         <a class="nav-link" href="/Signup.html">Signup</a>
24                     </li>
25                     <li class="nav-item dropdown">
26                         <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="false">
27                             Dropdown
28                         </a>
29                         <ul class="dropdown-menu">
30                             <li><a class="dropdown-item" href="/About.html">About Us</a></li>
31                         </ul>
32                     </li>
33                 </ul>

```

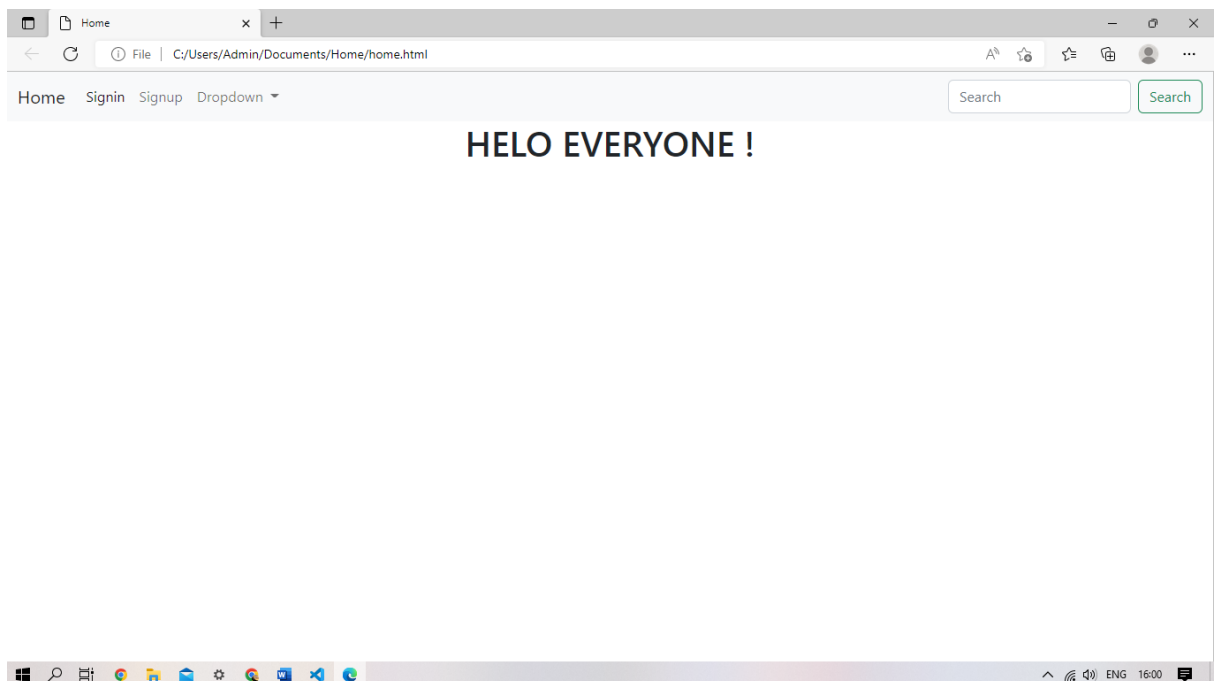
```
<> Signup.html > ...
31     </ul>
32 </li>
33 </ul>
34 <form class="d-flex" role="search">
35     <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
36     <button class="btn btn-outline-success" type="submit">Search</button>
37 </form>
38 </div>
39 </div>
40 </nav>
41 <h1 style="text-align: center; padding-top: 30px;"> <b>Sign-Up</b></h1>
42 <div class="container" >
43 <br><br>
44 <form style="margin: 0 20%" method="POST" action="/signup">
45
46     <div class="form-outline mb-4">
47         <label class="form-label" for="form2Example1">Name</label>
48         <input type="text" name="name" id="form2Example1" class="form-control" />
49     </div>
50
51     <!-- Email input -->
52
53     <div class="form-outline mb-4">
54         <label class="form-label" for="form2Example1">Email address</label>
55         <input type="email" name="email" id="form2Example1" class="form-control" />
56     </div>
57
58
59     <!-- Password input -->
60     <div class="form-outline mb-4">
61         <label class="form-label" for="form2Example2">Password</label>
62         <input type="password" name="password" id="form2Example2" class="form-control" />

```

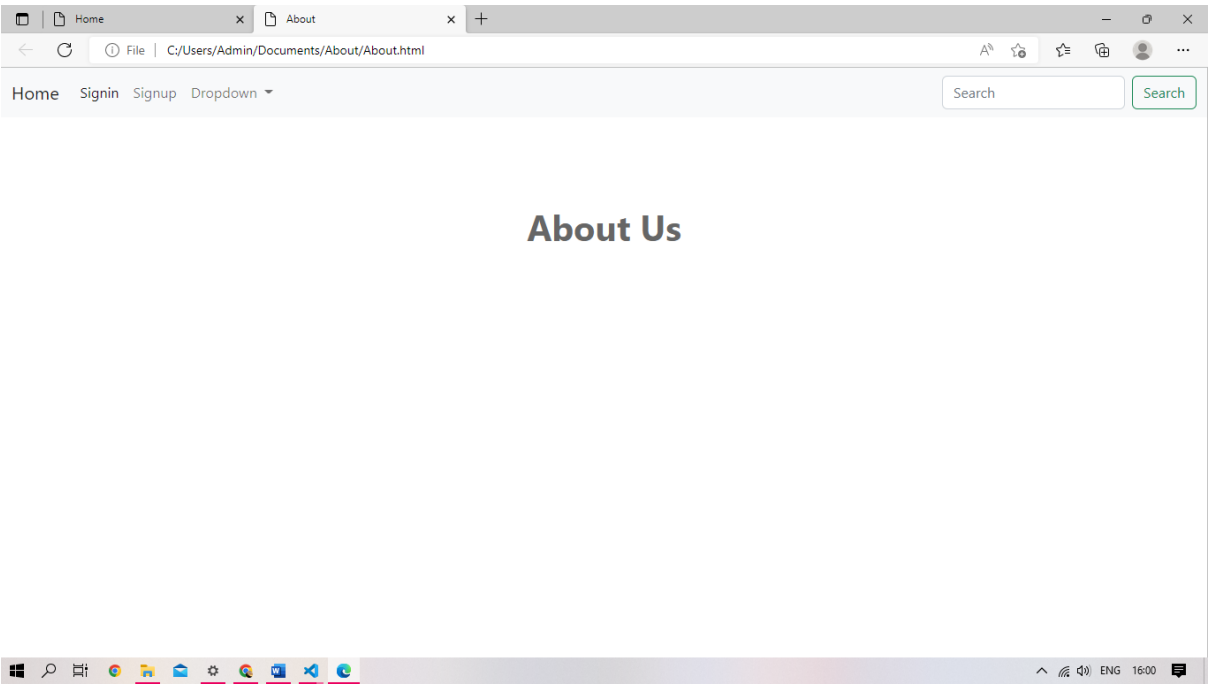
```
<> Signup.html > ...
48     <input type="text" name="name" id="form2Example1" class="form-control" />
49
50     </div>
51     <!-- Email input -->
52
53     <div class="form-outline mb-4">
54         <label class="form-label" for="form2Example1">Email address</label>
55         <input type="email" name="email" id="form2Example1" class="form-control" />
56     </div>
57
58     <!-- Password input -->
59     <div class="form-outline mb-4">
60         <label class="form-label" for="form2Example2">Password</label>
61         <input type="password" name="password" id="form2Example2" class="form-control" />
62     </div>
63
64     </div>
65
66     <br>
67     <!-- Submit button -->
68     <center>
69         <button type="submit" class="btn btn-primary btn-block mb-4" style="width:300px">Sign-Up</button>
70     </center>
71
72     </form>
73 </div><script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity
74
75
76 </body>
77 </html>
```

Output:

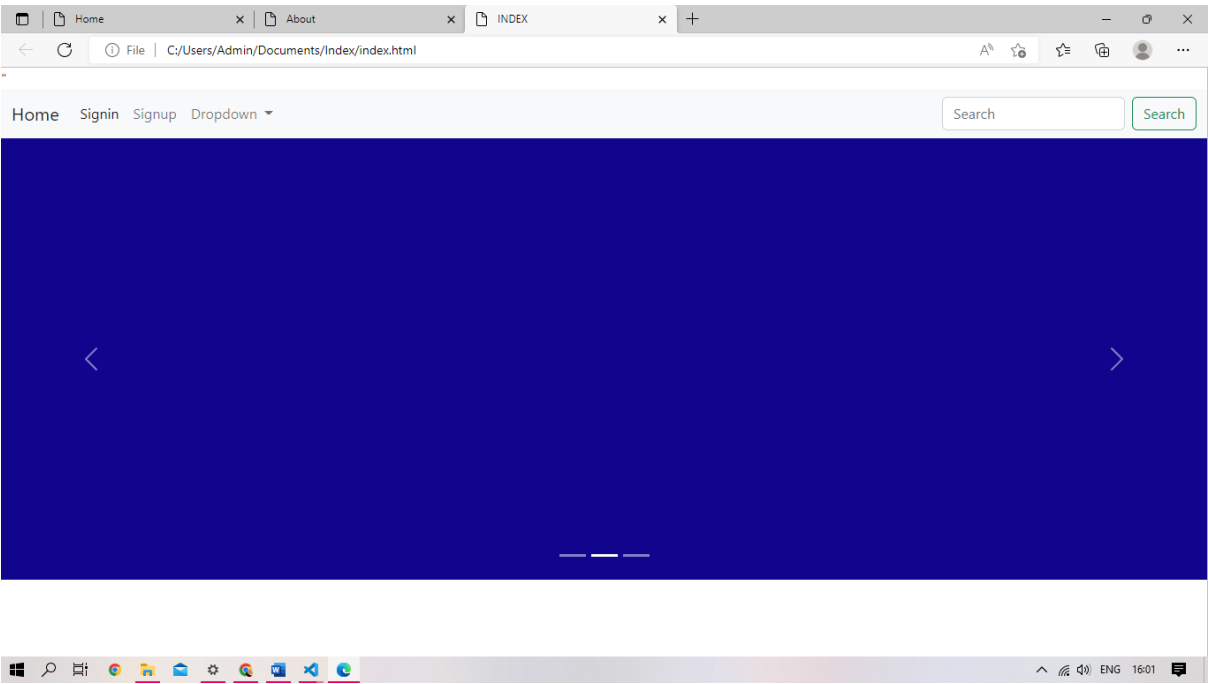
Home Page:



About page:



Index Page:



Sign in Page:

Home Signin Signup Dropdown ▾ Search Search

Sign-In

Email address

Password

Sign in

Sign up page:

Home Signin Signup Dropdown ▾ Search Search

Sign-Up

Name

Email address

Password

Sign-Up