Assignment -1

Cloud Application Development - B3-3M5E

Assignment Date	18 September 2022
Student Name	Ms. V.Josephine Prasitha mary
Student Roll Number	821919104006
Maximum Marks	2 Marks

Question-1:

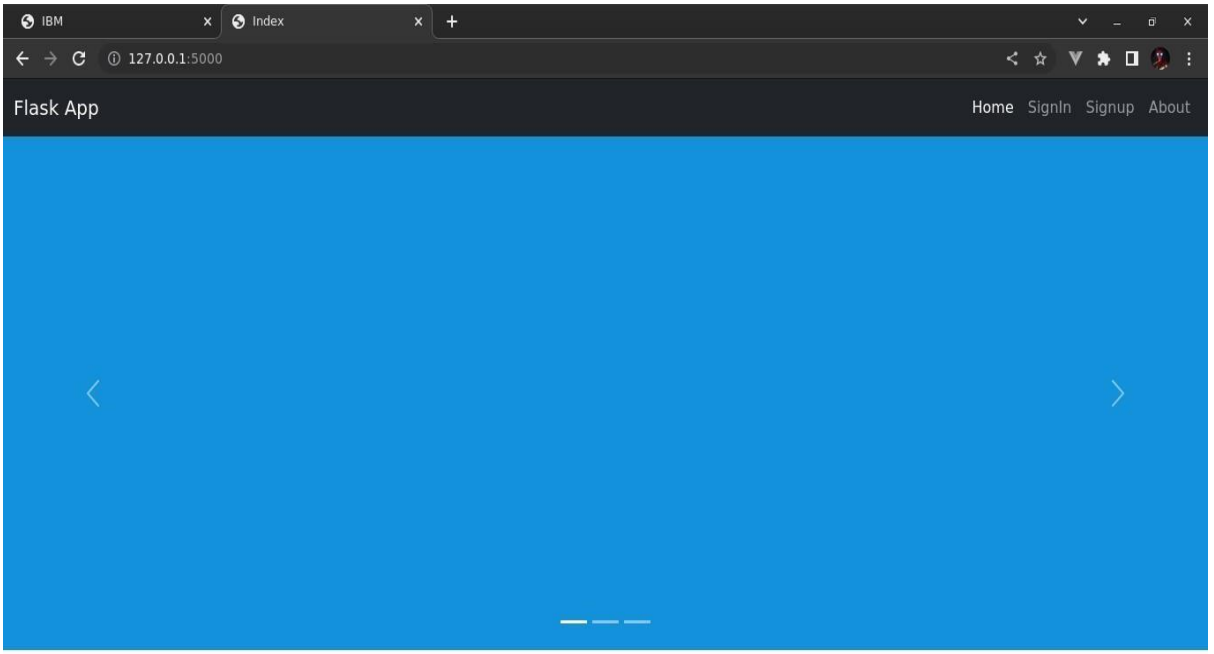
1 . Create a Flask App

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



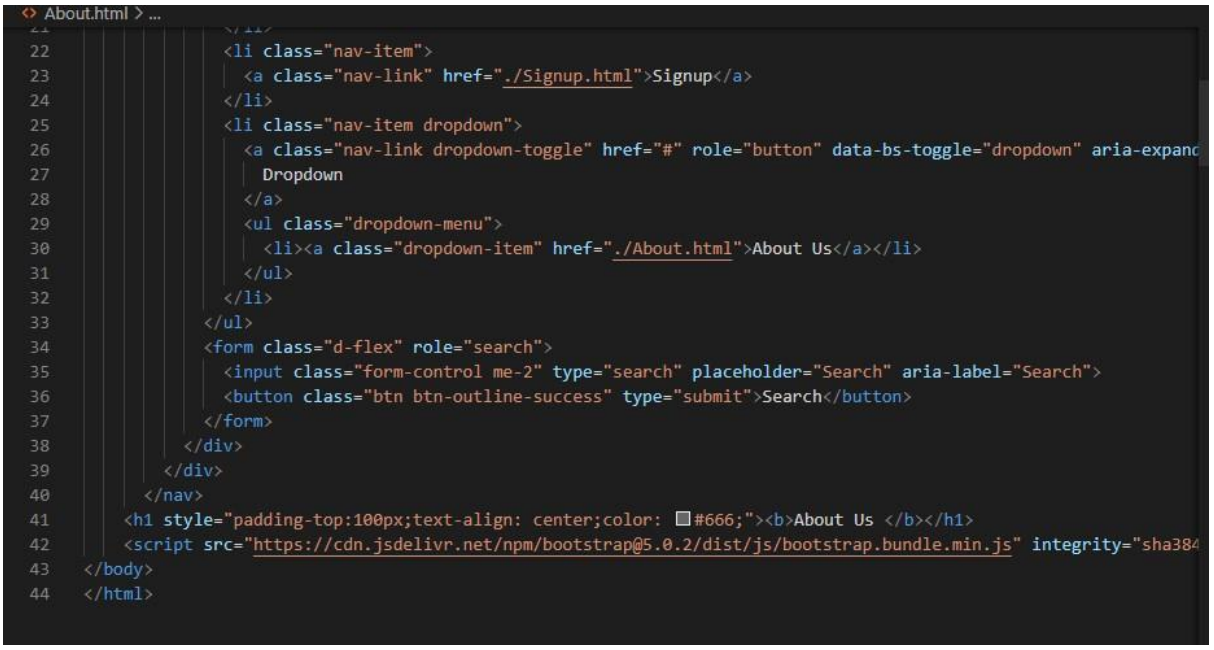
2. Home Page

```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>About</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integr
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-light">
        <div class="container-fluid">
          <a class="navbar-brand" href="./home.html">Home</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupporte
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="./signin.html">Signin</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="./Signup.html">Signup</a>
              </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanc
                  Dropdown
                </a>
                <ul class="dropdown-menu">
                  <li><a class="dropdown-item" href="./About.html">About Us</a></li>
                </ul>
              </li>
```

```html
                <a class="nav-link" href="./Signup.html">Signup</a>
              </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanc
                  Dropdown
                </a>
                <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>
    <h1 style="padding-top:100px;text-align: center;color: #666;"><b>About Us </b></h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384
</body>
</html>
```

About Page:

```
<!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>About</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integr
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-light">
        <div class="container-fluid">
          <a class="navbar-brand" href="./home.html">Home</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupporte
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="./signin.html">Signin</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="./Signup.html">Signup</a>
              </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanc
                  Dropdown
                </a>
                <ul class="dropdown-menu">
                  <li><a class="dropdown-item" href="./About.html">About Us</a></li>
                </ul>
              </li>
            </ul>
```



```
<!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>About</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integr
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-light">
        <div class="container-fluid">
          <a class="navbar-brand" href="./home.html">Home</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupporte
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="./signin.html">Signin</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="./Signup.html">Signup</a>
              </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanc
                  Dropdown
                </a>
                <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>
    <h1 style="padding-top:100px;text-align: center;color: #666;"><b>About Us </b></h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha384
</body>
</html>
```

Index:

index.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>INDEX</title>
</head>
<body>
    <link href ="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integ

<nav class="navbar navbar-expand-lg bg-light">
    <div class="container-fluid">
      <a class="navbar-brand" href="./home.html">Home</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedCor
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page" href="./signin.html">Signin</a>
          </li>
          <li class="nav-item">
            <a class="nav-link" href="./Signup.html">Signup</a>
          </li>
          <li class="nav-item dropdown">
            <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanded="
              Dropdown
            </a>
            <ul class="dropdown-menu">
              <li><a class="dropdown-item" href="./About.html">About Us</a></li>
            </ul>
          </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>
```

```
            <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>
          </button>
          <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleIndicators" data-bs-
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Next</span>
          </button>
        </div>

        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha3
    </body>
    </html>
```

3. Sign in page:

signin.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>Signin</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integr
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-light">
        <div class="container-fluid">
          <a class="navbar-brand" href="./home.html">Home</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupporte
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="./signin.html">Signin</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="./Signup.html">Signup</a>
              </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanc
                  Dropdown
                </a>
                <ul class="dropdown-menu">
                  <li><a class="dropdown-item" href="./About.html">About Us</a></li>
                </ul>
              </li>
            </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-expanc
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
50            </div>
51
52            <!-- Password input -->
53            <div class="form-outline mb-4">
54              <label class="form-label" for="form2Example2">Password</label>
55              <input type="password" name="password" id="form2Example2" class="form-control" />
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
50            </div>
51
52            <!-- Password input -->
53            <div class="form-outline mb-4">
54              <label class="form-label" for="form2Example2">Password</label>
55              <input type="password" name="password" id="form2Example2" class="form-control" />
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
67    </body>
68    </html>
```

Sign up page:

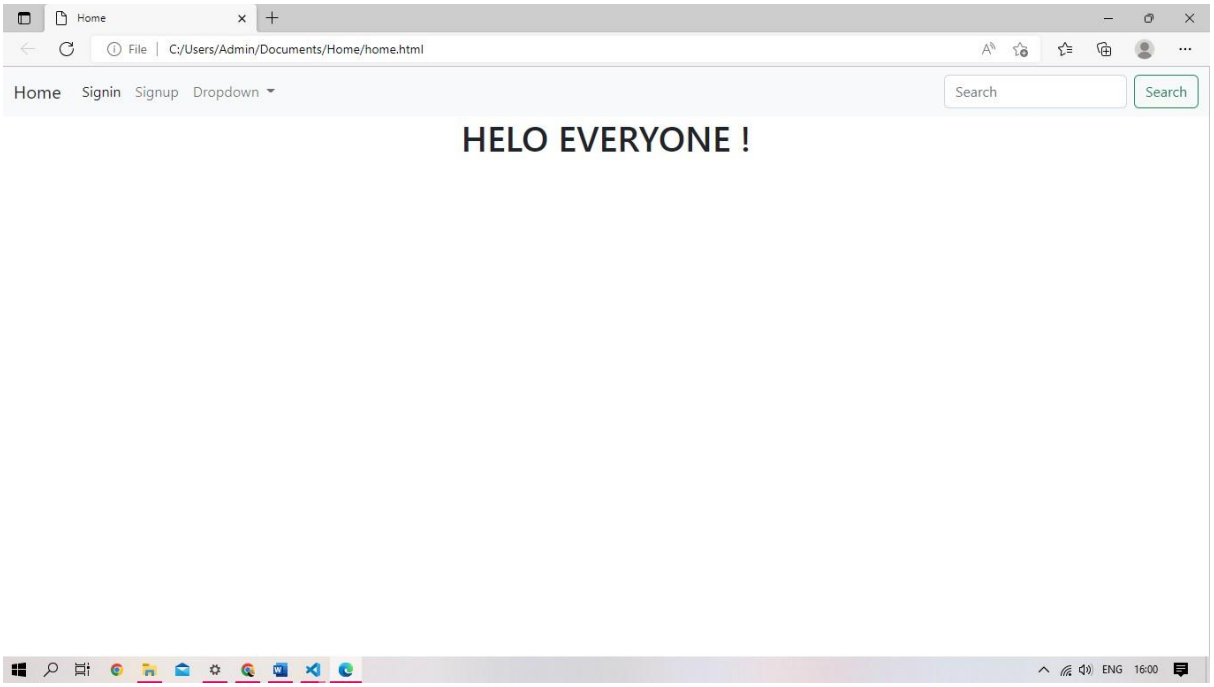
```
Signup.html > ...
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Signup</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integr
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-light">
        <div class="container-fluid">
          <a class="navbar-brand" href="./home.html">Home</a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupporte
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="./signin.html">Signin</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="./Signup.html">Signup</a>
              </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown" aria-expanc
                  Dropdown
                </a>
                <ul class="dropdown-menu">
                  <li><a class="dropdown-item" href="./About.html">About Us</a></li>
                </ul>
              </li>
            </ul>
```

```
Signup.html > ...
                </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>
      <h1 style="text-align: center;padding-top: 30px;"> <b>Sign-Up</b></h1>
      <div class="container" >
    <br><br>
        <form style="margin: 0 20%" method="POST" action="/signup">

          <div class="form-outline mb-4">
            <label class="form-label" for="form2Example1">Name</label>
            <input type="text" name="name" id="form2Example1" class="form-control" />

          </div>
          <!-- Email input -->

          <div class="form-outline mb-4">
            <label class="form-label" for="form2Example1">Email address</label>
            <input type="email" name="email" id="form2Example1" class="form-control" />

          </div>

          <!-- Password input -->
          <div class="form-outline mb-4">
            <label class="form-label" for="form2Example2">Password</label>
            <input type="password" name="password" id="form2Example2" class="form-control" />
```

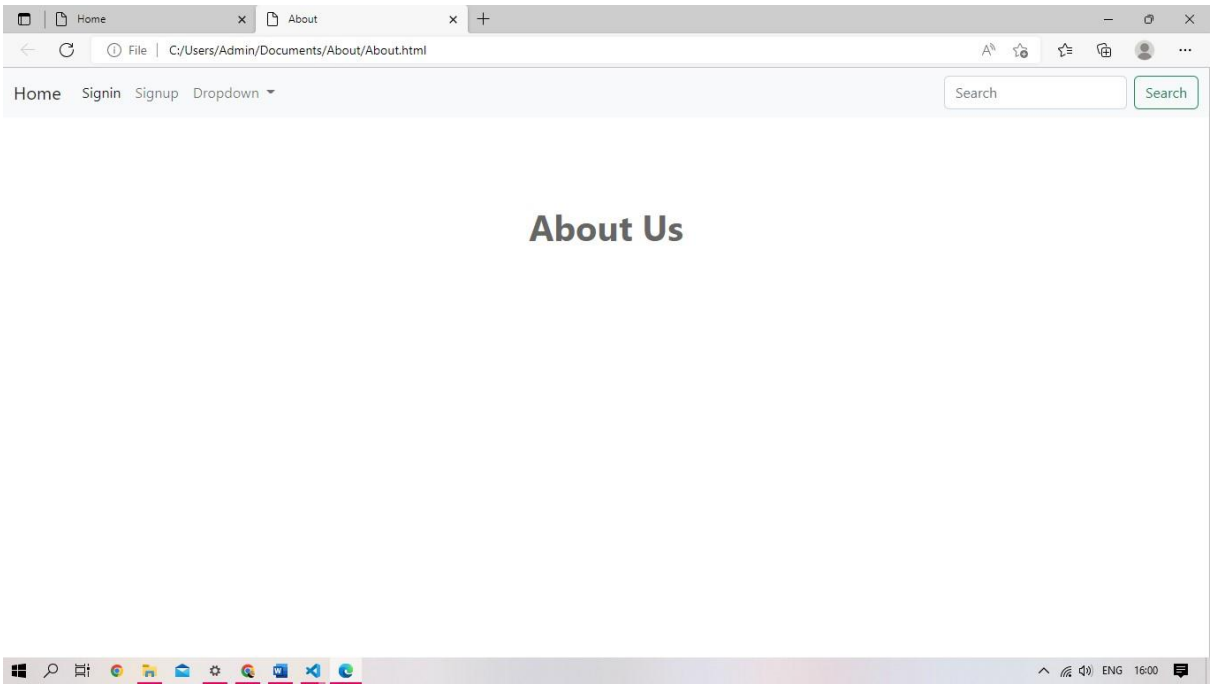
```
Signup.html > ...
48                <input type="text" name="name" id="form2Example1" class="form-control" />
49
50              </div>
51              <!-- Email input -->
52
53              <div class="form-outline mb-4">
54                <label class="form-label" for="form2Example1">Email address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

Output:

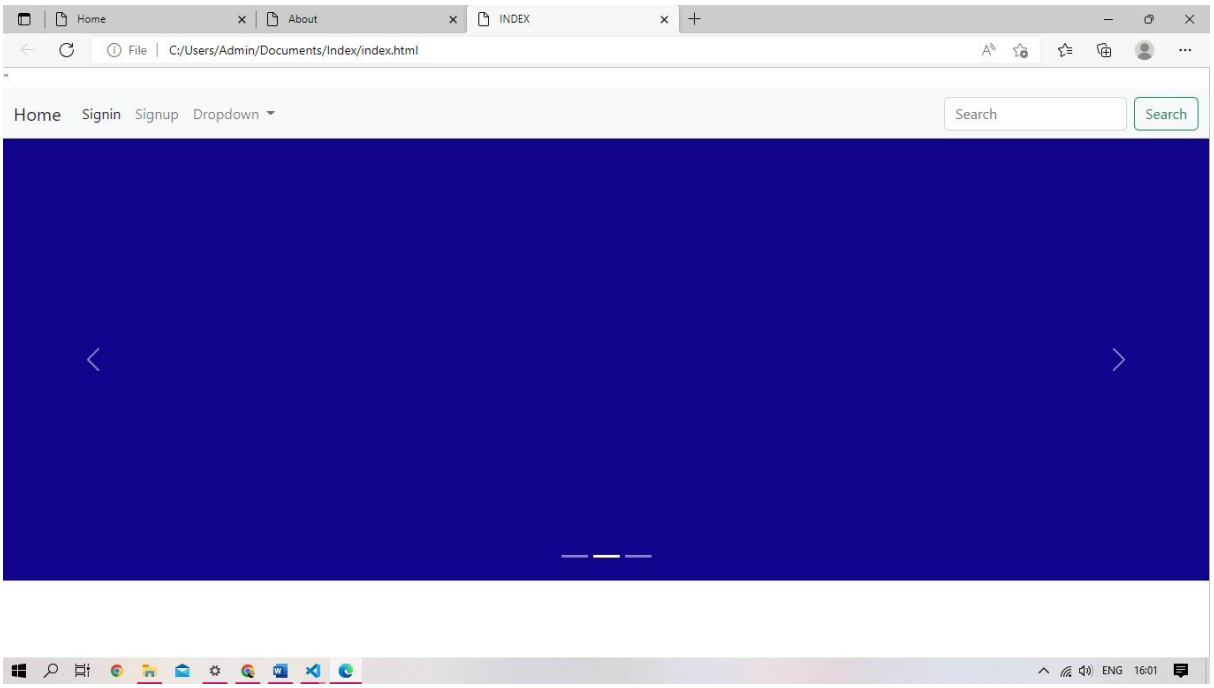
Home Page:



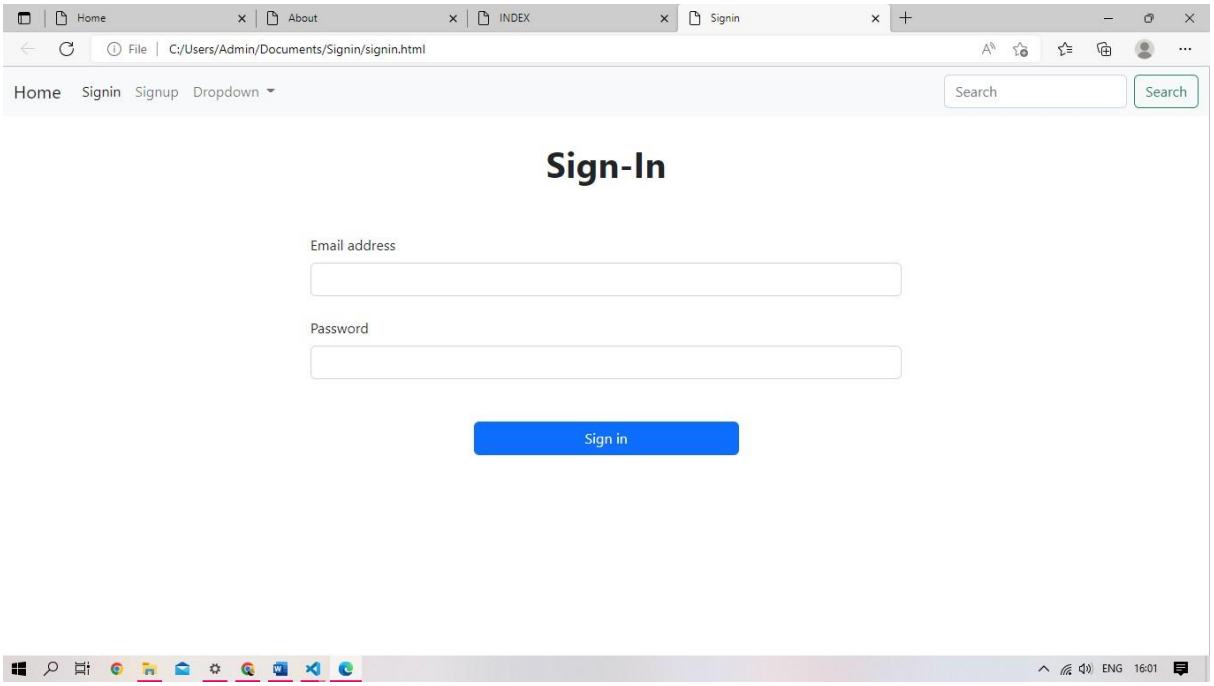
About page:



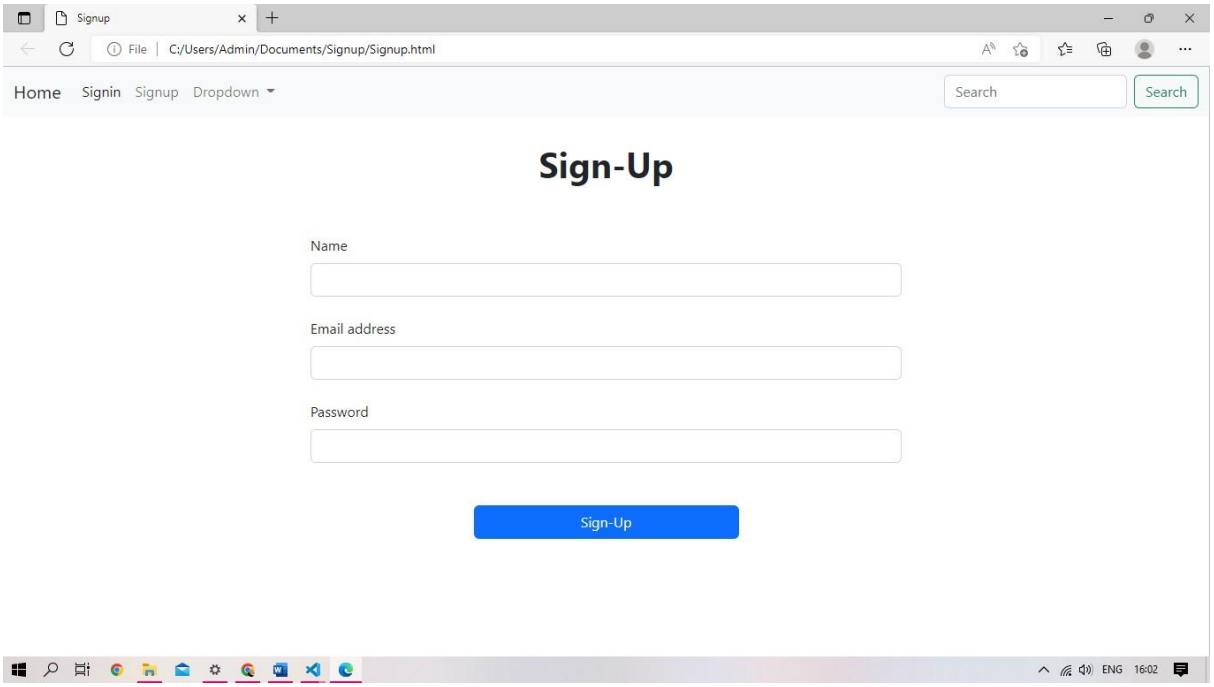
Index Page:



Sign in Page:


Home
About
INDEX
Signin
File
C:/Users/Admin/Documents/Signin/signin.html
Home
Signin
Signup
Dropdown
Search
Search
Sign-In
Email address
Password
Sign in
ENG
16:01

Sign up page:


Signup
File
C:/Users/Admin/Documents/Signup/Signup.html
Home
Signin
Signup
Dropdown
Search
Search
Sign-Up
Name
Email address
Password
Sign-Up
ENG
16:02