

Assignment -2

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

Question:

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

Solution:

app.py

```
from distutils.log import debug

from flask import Flask, render_template, url_for

app = Flask(__name__, static_url_path='/static')

@app.route('/')

def home():

    return render_template("home_body.html")

@app.route('/login')

def sign_in():

    return render_template("sign_in.html")

@app.route('/signup')

def sign_up():

    return render_template("sign_up.html")

if __name__ == '__main__':

    app.run(debug=True)
```

home_body.html

```
{% include 'base.html' %}

<h2 style="color: white; text-align: center;">Home page</h2>
```

base.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="{{url_for('static',filename='style.css')}}">

</head>

<body>

  <section class="nav_container">

    <div class="logo">

      <a href="/"> </a>

    </div>

    <nav class="navMenu">

      <a href="/">Home</a>

      <a href="/login">Login</a>

      <a href="/signup">SignUp</a>

      <a href="#">About</a>

      <div class="dot"></div>

    </nav>

  </section>

</body>

</html>
```

sign_in.html

```
{% include 'base.html' %}

<div class="login-container">

<div class="login-page">

  <div class="form">
```

```
<input
  type="text"
  placeholder="username"
  class="username"
/>
<span class="username-validation">Must Contain 12 Character (Min)</span>
<input
  type="password"
  placeholder="password"
  class="password"
/>
<span class="password-validation">Must Contain 8 Character (Min)</span>
<button>login</button>
<p class="message">Not registered? <a href="/signup">Create an account</a></p>
</div>
</div>
</div>
```

sign_up.html

```
{% include 'base.html' %}
<div class="login-container">
<div class="login-page">
  <div class="form">
    <input
      type="text"
      placeholder="username"
      class="username"
    />
    <input
      type="password"
      placeholder="password"
```

```
        class="password"
      />
      <input
        type="password"
        placeholder="confirm password"
        class="password"
      />
      <button>signup</button>
      <p class="message">Already registered? <a href="/login">Login</a></p>
    </div>
  </div>
</div>
```

style.css

```
@import
url("https://fonts.googleapis.com/css2?family=Montserrat:wght@400;500;600;700&display=swap");
* {
  margin: 0;
  padding: 0;
  -webkit-box-sizing: border-box;
  box-sizing: border-box;
}
body {
  background: #272727;
  font-family: "Montserrat", sans-serif;
}
.nav_container{
  display: flex;
  padding: 20px;
  justify-content: space-between;
}
```

```
.navMenu{
  align-self: center;
}

.navMenu a {
  color: #f6f4e6;
  text-decoration: none;
  font-size: 1.2em;
  text-transform: uppercase;
  font-weight: 500;
  display: inline-block;
  width: 80px;
  -webkit-transition: all 0.2s ease-in-out;
  transition: all 0.2s ease-in-out;
}

.navMenu a:hover {
  color: #4caf50;
}

.navMenu .dot {
  width: 6px;
  height: 6px;
  background: #4caf50;
  border-radius: 50%;
  opacity: 0;
  -webkit-transform: translateX(30px);
  transform: translateX(30px);
  -webkit-transition: all 0.2s ease-in-out;
  transition: all 0.2s ease-in-out;
}

.navMenu a:nth-child(1):hover ~ .dot {
  -webkit-transform: translateX(30px);
```

```
transform: translateX(30px);
-webkit-transition: all 0.2s ease-in-out;
transition: all 0.2s ease-in-out;
opacity: 1;
}

.navMenu a:nth-child(2):hover ~ .dot {
  -webkit-transform: translateX(110px);
  transform: translateX(110px);
  -webkit-transition: all 0.2s ease-in-out;
  transition: all 0.2s ease-in-out;
  opacity: 1;
}

.navMenu a:nth-child(3):hover ~ .dot {
  -webkit-transform: translateX(200px);
  transform: translateX(200px);
  -webkit-transition: all 0.2s ease-in-out;
  transition: all 0.2s ease-in-out;
  opacity: 1;
}

.navMenu a:nth-child(4):hover ~ .dot {
  -webkit-transform: translateX(285px);
  transform: translateX(285px);
  -webkit-transition: all 0.2s ease-in-out;
  transition: all 0.2s ease-in-out;
  opacity: 1;
}

.logo{
  align-self: center;
  padding-left: 25px;
}
```

```
.logo img{  
  width: 90px;  
  height: 70px;  
}
```

```
/* login css */
```

```
.login-container {  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  min-height: 100vh;  
  overflow: hidden;  
}
```

```
.login-page {  
  width: 360px;  
  margin: auto;  
}
```

```
.form {  
  position: relative;  
  z-index: 1;  
  background: #ffffff;  
  max-width: 360px;  
  margin: 0 auto 100px;  
  padding: 45px;  
  text-align: center;  
  box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);  
}
```

```
.form input {  
  outline: 0;
```

```
background: #f2f2f2;

width: 100%;

border: 0;

margin: 0 0 15px;

padding: 15px;

box-sizing: border-box;

font-size: 14px;
}

.form button {

text-transform: uppercase;

outline: 0;

background: #4caf50;

width: 100%;

border: 0;

padding: 15px;

color: #ffffff;

font-size: 14px;

-webkit-transition: all 0.3 ease;

transition: all 0.3 ease;

cursor: pointer;
}

.form button:hover,
.form button:active,
.form button:focus {

background: #43a047;
}

.form .message {

margin: 15px 0 0;

color: #b3b3b3;

font-size: 12px;
}
```



```
.form .message a {  
  color: #4caf50;  
  text-decoration: none;  
}
```

```
.form .register-form {  
  display: none;  
}
```

```
.container {  
  position: relative;  
  z-index: 1;  
  max-width: 300px;  
  margin: 0 auto;  
}
```

```
.container:before,  
.container:after {  
  content: "";  
  display: block;  
  clear: both;  
}
```

```
.container .info {  
  margin: 50px auto;  
  text-align: center;  
}
```

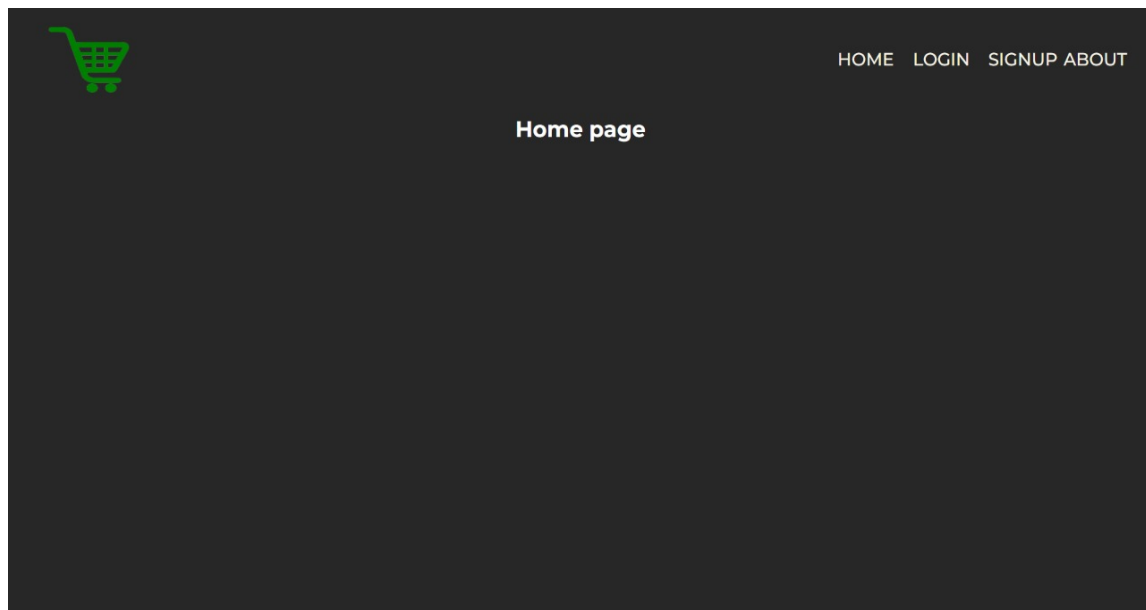
```
.container .info h1 {  
  margin: 0 0 15px;  
  padding: 0;  
  font-size: 36px;  
  font-weight: 300;  
  color: #1a1a1a;  
}
```

```
.container .info span {
```


```
color: #4d4d4d;
font-size: 12px;
}
.container .info span a {
color: #000000;
text-decoration: none;
}
.container .info span .fa {
color: #ef3b3a;
}
.username-validation,
.password-validation {
display: none;
}
```

Sample Screenshot:

(Home)



(Sign in)



HOME LOGIN SIGNUP ABOUT


username

password

LOGIN

Not registered? [Create an account](#)

(Sign up)



HOME LOGIN SIGNUP ABOUT

username

password

confirm password

SIGNUP

Already registered? [Login](#)

(About)



[HOME](#) [LOGIN](#) [SIGNUP](#) [ABOUT](#)

About page