

## 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 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)
```

## 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>
```

## home\_body.html

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

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

## 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&di
splay=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:

