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

```python
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

```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="/"> <img src="/static/images/logo.png" alt=""></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

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

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

Sign_in.html

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

```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_in.html

```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"
```

```html
      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

```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

```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;
}
```

```css
.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;
}
```

```css
.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;
```

```css
    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;
  }
```

```css
.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: