

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 and about page.
3. Add the bootstrap.
4. Add the signin 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;
}
```