Assignment-2

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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="/"> <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

```
{% 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&d
i
splay=swap");

```css
* {
  margin: 0;
  padding: 0;
  -webkit-box-sizing: border-box; boxsizing:
  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;
  borderradius:
  50%; opacity: 0;
  -webkit-transform: translateX(30px); transform:
  translateX(30px);  -webkittransition:  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); -
  webkittransition: 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); -
  webkittransition: all 0.2s ease-in-out;
  transition: all 0.2s ease-in-out; opacity:
  1;
}
```

```css
.navMenu a:nth-child(3):hover ~ .dot {
  webkit-transform: translateX(200px);
  transform: translateX(200px); -
  webkittransition: 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; paddingleft:
  25px;
}

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

/* login css */

.login-container { display:
  flex; alignitems: center;
  justifycontent: center;
  minheight: 100vh;
  overflow: hidden;
}
```

```css
.login-page { width:
  360px; margin:
  auto;
}
.form { position: relative;
  z-index:
  1; background:
  #ffffff; maxwidth:
  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;
  boxsizing: border-box;
  font-size: 14px;
}
.form button { texttransform:
  uppercase; outline: 0;
  background: #4caf50;
  width: 100%; border: 0;
  padding: 15px; color: #ffffff;
  font-
```

```css
  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; fontsize:
  12px;
}
.form .message a { color:
  #4caf50;
  textdecoration: none;
}
.form .register-form { display:
  none;
}
.container { position:
  relative; z-index: 1;
  maxwidth: 300px;
  margin: 0 auto;
}
.container:before,
.container:after {
  content: ""; display:
  block; clear: both;
}
```

```css
.container .info { margin:
  50px auto; text-align:
  center;
}
.container .info h1 {
  margin: 0 0 15px;
  padding: 0; fontsize:
  36px; fontweight:
  300; color:
  #1a1a1a;

}
.container .info span {
  color: #4d4d4d; fontsize:
  12px;

}
.container .info span a { color:
  #000000; textdecoration:
  none;
}
.container .info span .fa { color:
  #ef3b3a;
}
.username-validation,
.password-validation { display:
  none;
}
```