

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="/"> </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");

* {

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;

}

```
.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;
}
```

```
.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; padding-left:  
  25px;  
}
```

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

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

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

```
.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-
```

```
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;
maxwidth: 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; fontsize:
  36px; fontweight:
  300; color:
  #1a1a1a;
}
.container .info span {
  color: #4d4d4d; fontsize:
  12px;
}
.container .info span a { color:
  #000000; text-decoration:
  none;
}
.container .info span .fa { color:
  #ef3b3a;
}
.username-validation,
.password-validation { display:
  none;
}
```