Assignment -2

Assignment Date	27 September 2022
Student Name	Hemanth Kumar M
Student Roll Number	210819104028
Maximum Marks	2 Marks

Question-1:

1. Create a Flask App

2. Add the Home page, About Page

3. Add the Bootstrap

4. Add the Sign in page and App the Signup Page

Solution: app.py:

```python
from flask import Flask,render_template,request,url_for,redirect,flash from markupsafe import escape app=Flask(__name__)

@app.route("/") def
index():
    return render_template("home.html")

@app.route("/home.html") def
hello():
    return render_template("home.html")

@app.route("/about.html") def
profile():
    return render_template("about.html")

@app.route("/signup.html") def
signup():
    return render_template("signup.html")


@app.route("/signin.html") def
signin():
```

```python
        return render_template("signin.html")

@app.errorhandler(404) def
page_not_found(error):
        return render_template('page_not_found.html'),404
```

Templates:

Home page

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

{% block head %}
<title>home page</title>
{% endblock %}


{% block body %}
<main class="px-3">
    <h1>Cover your page.</h1>
    <p class="lead">hi you can signin here </p>
    <p class="lead">
        <a href="signup.html" class="btn btn-success">Signup</a>
    </p>
  </main>
{% endblock %}
```

Base page

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
            <meta name="viewport" content="width=device-width, initial-
scale=1"> <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle .min.js"
integrity="sha384-
MrcW6ZMFYIzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
```

```html
<!-- <link rel="stylesheet" href="{{url_for('static',
filename='css/style.css')}}"> --> {% block head%}{% endblock
%}

</head> <body>

    <nav class="navbar navbar-expand-lg navbar-light bg-light">
        <div class="container-fluid">
          <a class="navbar-brand" href="#">Navbar</a>
            <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"           data-bs-target="#navbarSupportedContent"           aria-
controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse"
id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page"
href="home.html">Home</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" href="signin.html">signin</a> </li>
              <li class="nav-item">
                <a class="nav-link" href="signup.html">signup</a> </li>
              <li class="nav-item">
                <a class="nav-link" href="about.html">about</a> </li>
              <li class="nav-item dropdown">
                <a class="nav-link dropdown-toggle" href="#"
id="navbarDropdown" role="button" data-bs-toggle="dropdown" aria- expanded="false">
                Dropdown
                </a>
                <ul class="dropdown-menu" aria-
labelledby="navbarDropdown">
                  <li><a class="dropdown-item" href="#">Action</a></li> <li><a
                  class="dropdown-item" href="#">Another
action</a></li>
                  <li><hr class="dropdown-divider"></li>
                  <li><a class="dropdown-item" href="#">Something else
here</a></li>
```

```
                    </ul> </li>

                </ul>
                <form class="d-flex">
                    <input class="form-control me-2" type="search"
placeholder="Search" aria-label="Search">
                    <button class="btn btn-outline-success"
type="submit">Search</button>
                </form>
            </div>
          </div>
        </nav>


    <div class="container mt-5">
        {% block body %} {% endblock %} </div>
</body>
</html>
```

About page

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

{% block head %}
<title>about page</title>
{% endblock %}


{% block body %}
<main class="px-3">
    <h1>this the about page.</h1>
    <p>you will get it soon!!</p> <p
    class="lead">
        <a href="#" class="btn btn-lg btn-secondary fw-bold border-white bg- white">Learn
more</a>
    </p>
  </main>
{% endblock %}
```

Signin page

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

{% block head %}
<title>signin page</title>
{% endblock %}


{% block body %}

<h2>SIGNIN Forms</h2>
<form action="action_page.php" method="post">

    <div class="container">
      <label for="uname"><b>Username</b></label>
      <input class  ="form-control"  type="text"   placeholder="Enter Username"
name="uname" required>

      <label for="psw"><b>Password</b></label>
      <input class  ="form-control"type="password"  placeholder="Enter Password"
name="psw" required>

      <button  style="margin-top:  2ex;margin-left:50%"class="btn   btn- success"
type="submit">Login</button>

    </div>

    <div class="container" style="background-color:#f1f1f1;">

      <span>Forgot <a href="#">password?</a></span>
  </div> </form>

{% endblock %}
```

Signup page

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

{% block head %}
<title>signup page</title>
{% endblock %}



{% block body %}

<h2>SIGNUp Forms</h2>

<form action="/action_page.php">
  <label for="fname">First name:</label><br>
  <input type="text" id="fname" name="fname" class="form-control"><br>
  <label for="lname">Last name:</label><br>
  <input type="text" id="lname" name="lname" class="form-control"><br><br> <input
  type="submit" value="Submit" class="btn btn-primary">
</form>



{% endblock %}
```
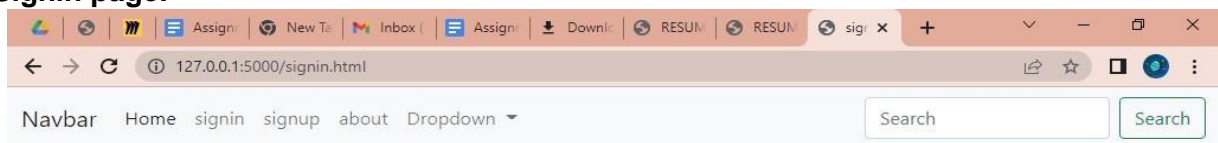
Output

Homepage:

Signin page:

signup page:

About page: