

Assignment -2

Assignment Date	27 September 2022
Student Name	Samuel Peter
Student Roll Number	210819104088
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: 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():
```

```

        return render_template("signin.html")

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

```

Templates:

Home page

```

{% 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

```

<!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-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

```



```

        </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>

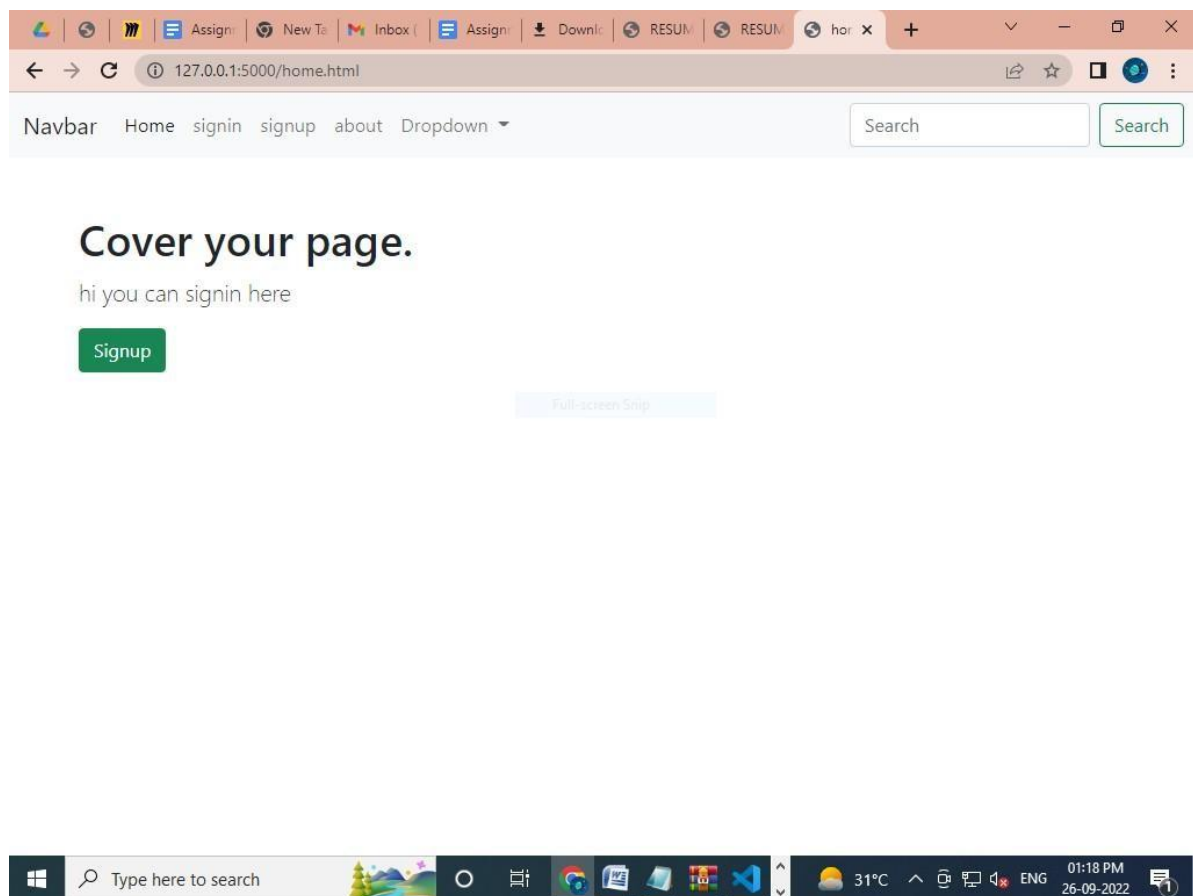
```

```
<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:

Browser tabs: Assign, New To, Inbox, Assign, Downl, RESUM, RESUM, sign x

Address bar: 127.0.0.1:5000/signin.html

Navbar: Home signin signup about Dropdown

Search: Search

SIGNIN Forms

Username

Enter Username

Password

Enter Password

Full-screen Sign

Login

Forgot [password?](#)

Windows taskbar: Type here to search, 31°C, 01:19 PM, 26-09-2022

signup page:

Browser tabs: Assign, New To, Inbox, Assign, Downl, RESUM, RESUM, sign x

Address bar: 127.0.0.1:5000/signup.html

Navbar: Home signin signup about Dropdown

Search: Search

SIGNUp Forms

First name:

Last name:

Submit

Windows taskbar: Type here to search, 31°C, 01:19 PM, 26-09-2022

About page:



this the about page.

you will get it soon!!

