Assignment -2

Assignment Date	26 September 2022
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Maximum Marks	2 Marks

Question-1:

Create a Flask App

Add the Home page, About Page

Add the Bootstrap

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-MrcW6ZMFYlzcLA8Nl+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 %}
```
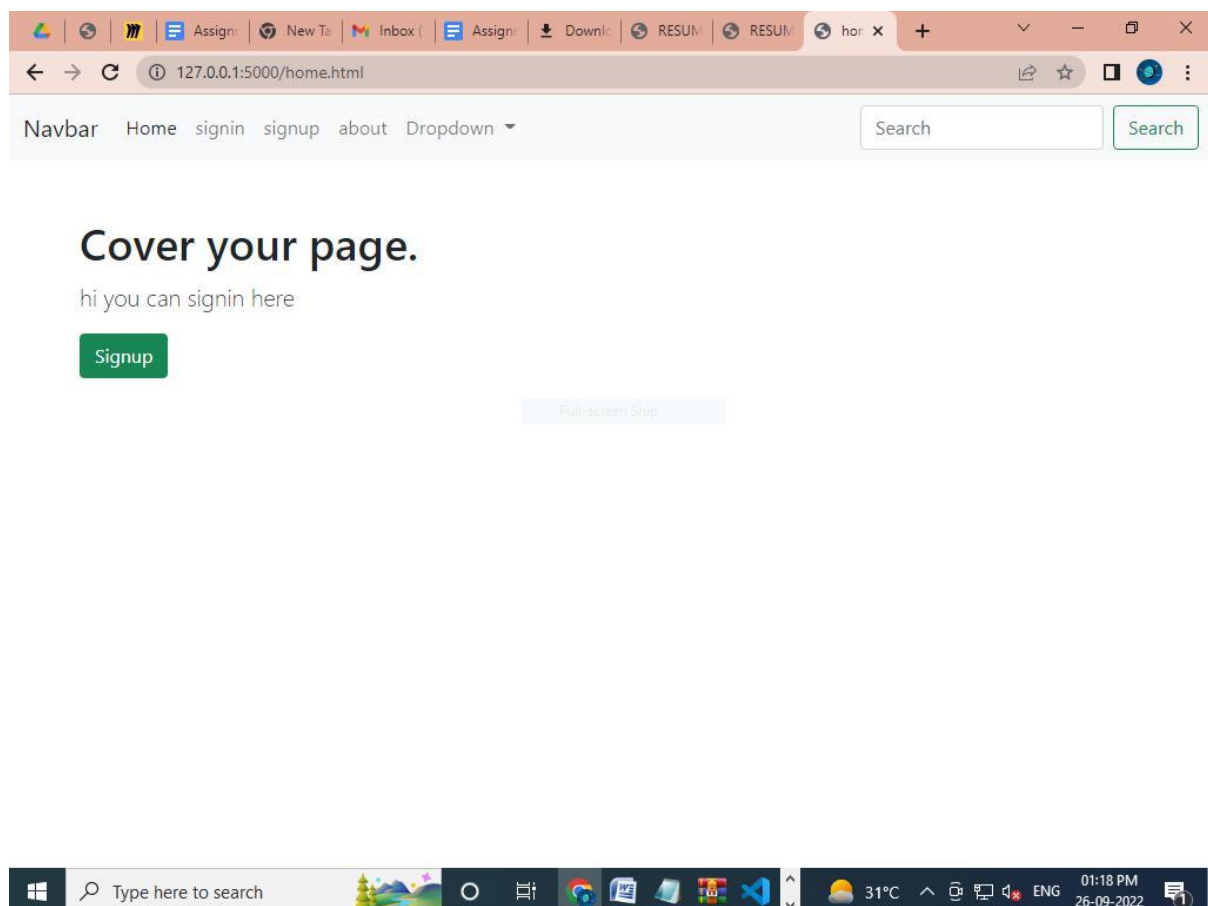
Output

Homepage:

Signin page:

signup page:

About page: