

ASSIGNMENT 2

Assignment Date	09 November 2022
Student Name	Suganthi .k
Student Roll Number	210819104111
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():
```

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```
        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/azprG1Anm3QDgpJLIm9Nao0Yz1ztCQTWFSpd3yD65VohhpuuC0mLASjC"
crossorigin="anonymous">
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
Mrcw6ZMFYlzcLA8Nl+mNtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
```

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```

<!-- <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>

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```
        </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 %}
```

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```
<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>
```

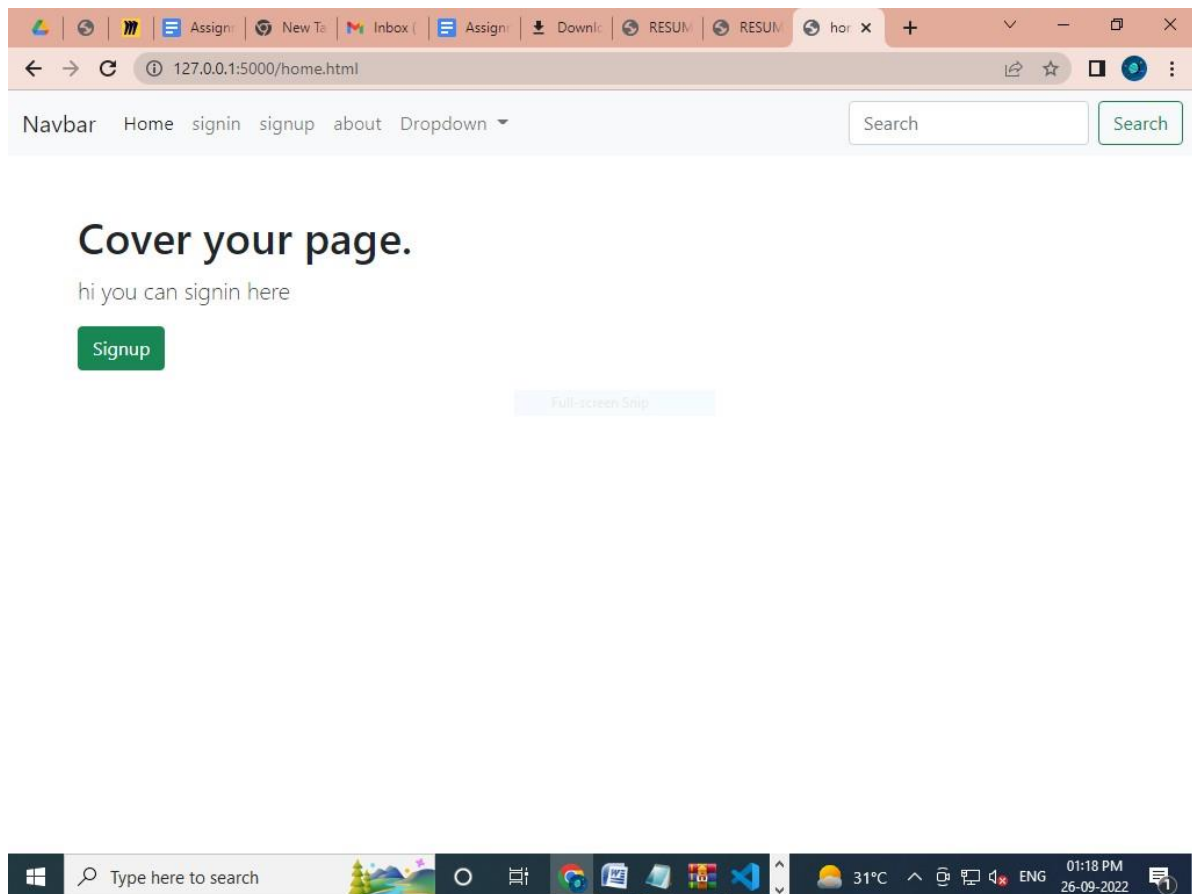
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```
<input type="text" id="fname" name="fname" class="form-control"><br>
<label for="lname">Last name:</label><br>
<input type="text" id="lname" name="lname" class="form-control"><br><br>
<input type="submit" value="Submit" class="btn btn-primary">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

{% endblock %}
```

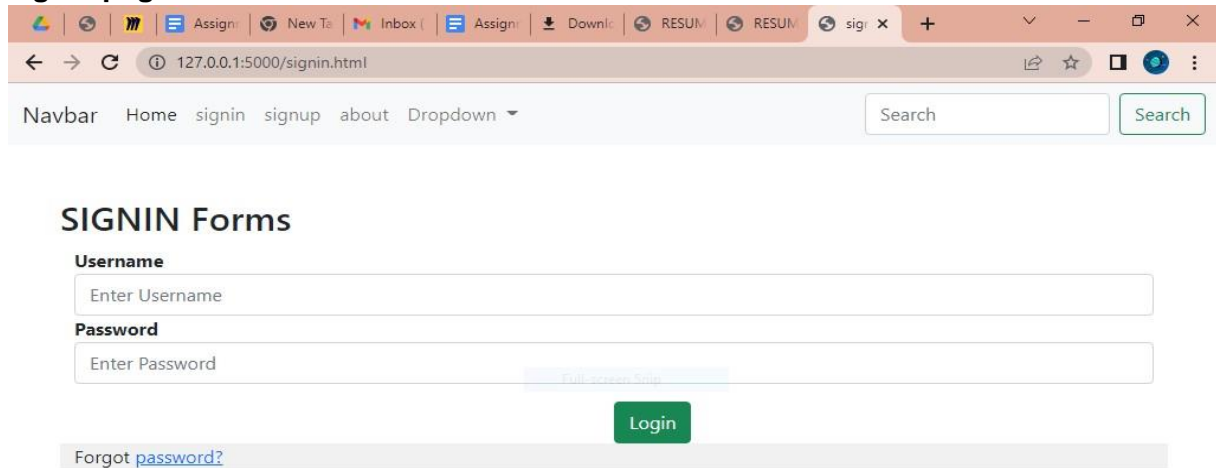
Output

Homepage:



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Signin page:



The screenshot shows a web browser window with the URL `127.0.0.1:5000/signin.html`. The browser's address bar and tabs are visible at the top. Below the browser window, the page content is displayed. It features a navigation bar with links: "Navbar", "Home", "signin", "signup", "about", and a "Dropdown" menu. A search bar is located on the right side of the navigation bar. The main content area is titled "SIGNIN Forms". It contains two input fields: "Username" with the placeholder text "Enter Username" and "Password" with the placeholder text "Enter Password". A "Full-screen Screenshot" button is positioned below the password field. A green "Login" button is centered below the input fields. At the bottom of the form, there is a link for "Forgot password?".

Username

Enter Username

Password

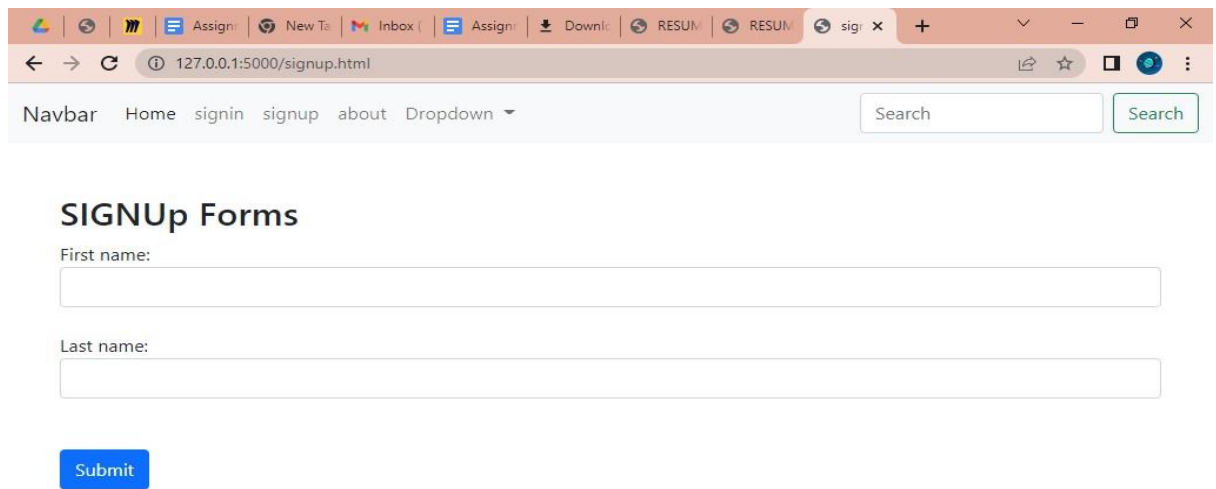
Enter Password

Full-screen Screenshot

Login

Forgot [password?](#)

signup page:



The screenshot shows a web browser window with the URL `127.0.0.1:5000/signup.html`. The browser's address bar and tabs are visible at the top. Below the browser window, the page content is displayed. It features a navigation bar with links: "Navbar", "Home", "signin", "signup", "about", and a "Dropdown" menu. A search bar is located on the right side of the navigation bar. The main content area is titled "SIGNUP Forms". It contains two input fields: "First name:" and "Last name:". A blue "Submit" button is positioned below the input fields.

First name:

Last name:

Submit

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About page:

