

Assignment -2

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Student Roll Number	210819104034
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/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65Vohhpu
uCOMLASjC" crossorigin="anonymous">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/
tWtlaxVXM" crossorigin="anonymous"></script>

```

```

<!-- <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>
            </div>
        </div>
    </nav>

```

```

</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>

```

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>

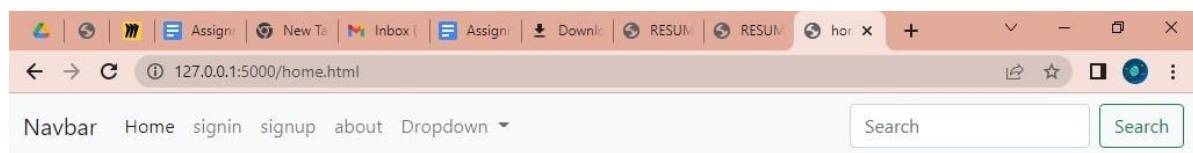
```

```
<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:



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/signin.html". The browser's tab bar shows several tabs, including "Assign", "New Te", "Inbox", "Assign", "Downl", "RESUM", "RESUM", and "sign x". The page has a light blue header with a "Navbar" containing links for "Home", "signin", "signup", "about", and a "Dropdown" menu. A search bar with a "Search" button is located on the right side of the header.

SIGNIN Forms

Username

Password

Full-screen Sign

Login

Forgot [password?](#)



The screenshot shows the Windows taskbar and system tray. The taskbar includes the Start button, a search bar with the text "Type here to search", and several application icons. The system tray on the right shows the date and time as "01:19 PM 26-09-2022" and the temperature as "31°C".

signup page:



The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/signup.html". The browser's tab bar shows several tabs, including "Assign", "New Te", "Inbox", "Assign", "Downl", "RESUM", "RESUM", and "sign x". The page has a light blue header with a "Navbar" containing links for "Home", "signin", "signup", "about", and a "Dropdown" menu. A search bar with a "Search" button is located on the right side of the header.

SIGNUP Forms

First name:

Last name:

Submit



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About page:

