

## Assignment -2

Student Name	Aabavanan R
Student Roll Number	611619205001
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`

`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("/signi n.html") def
signi n():

    return render_templ ate("signi n.html ")

@app.errorhandl er(404)
def page_not_found(error):
    return render_templ ate(' page_not_found. html '), 404

```

Templates:

Home page

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

```

{% block body %}
<mai n class="px-3">
    <h1>Cover your page. </h1>
    <p class="lead">hi you can signi n here </p>
    <p class="lead">
        <a href="signup.html " class="btn btn-success">Si gnup</a>
    </p>
</mai n>
{% endblock %}

```

Base page

```

<!DOCTYPE html >
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="vi ewport" content="wi dth=devi ce-wi dth, i ni ti al -
scal e=1">
        <link
href="https://cdn.j sdelivr.net/npm/bootstrap@5.0.2/di st/css/bootstrap.mi n.
css" rel="styl esheet" i ntegrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLI m9Nao0Yz1ztcQTwFspd3yD65VohhpuuC0mLASj C"
crossori gi n="anonymous">
    <scri pt

```

```
.min.js" integrity="sha384-
MrcW6ZMFYI zcLA8NI +NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtI axVXM"
crossorigin="anonymous"></script>
```

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

```
</head>
```

```
<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>
```

```
</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 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 %}
```

```
{% 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
```

```
        <label for="psw"><b>Password</b></label>
```

```
        <input class="form-control" type="password" placeholder="Enter
```

```
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' %}
```

```
<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>
```

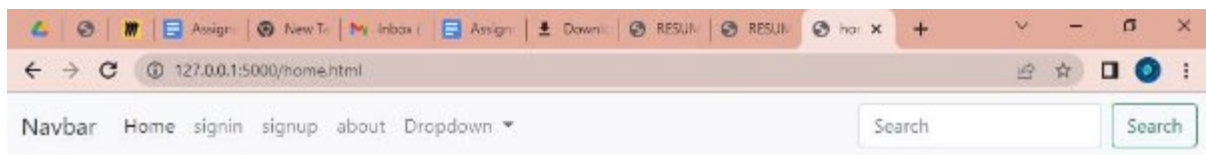
```
<input type="submit" value="Submit" class="btn btn-primary">
```

```
</form>
```

```
{% endblock %}
```

Output

Homepage:



Signin page:

Navbar Home signin signup about Dropdown ▾ Search Search

## SIGNIN Forms

**Username**  
Enter Username

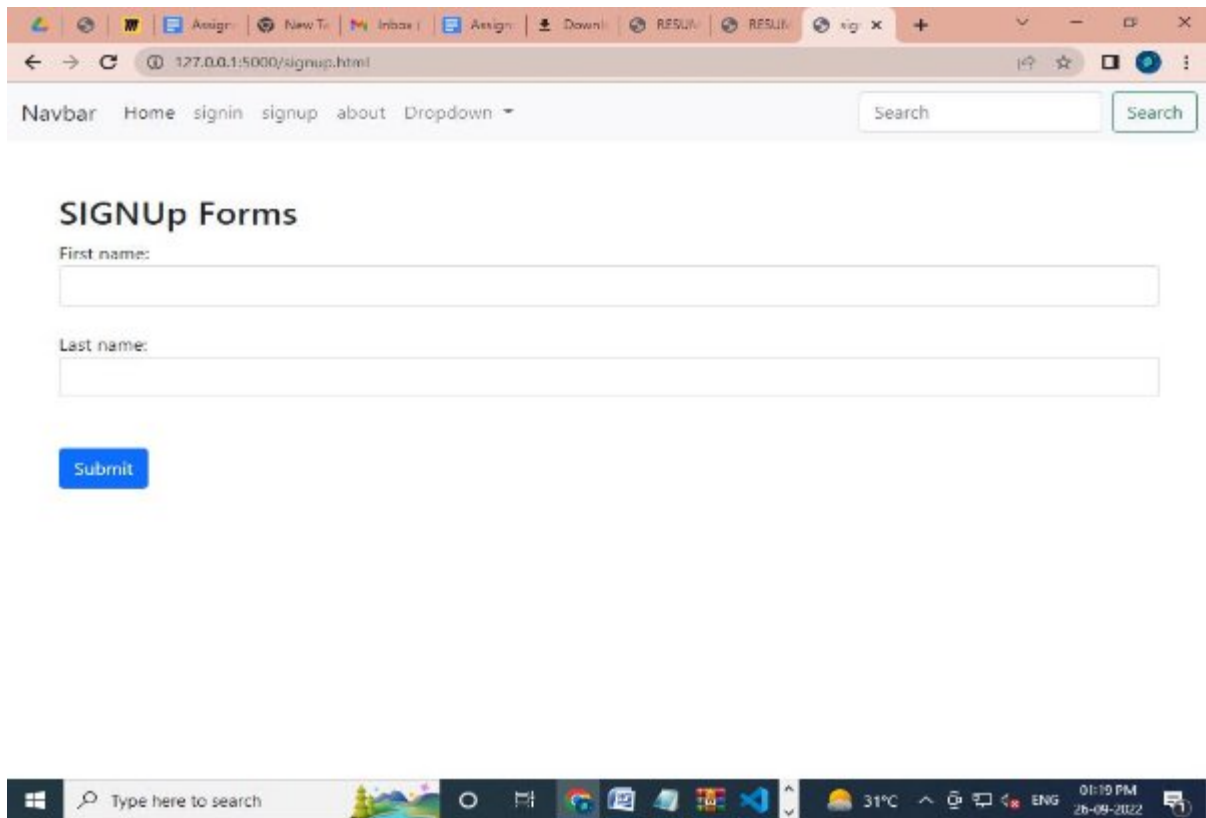
**Password**  
Enter Password

Login

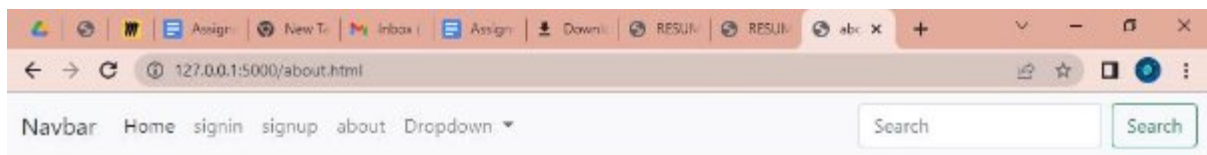
Forgot [password?](#)

signup page:





About page:



# this the about page.

you will get it soon!!

