Assignment -2

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("/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 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
.min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
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 %}
```

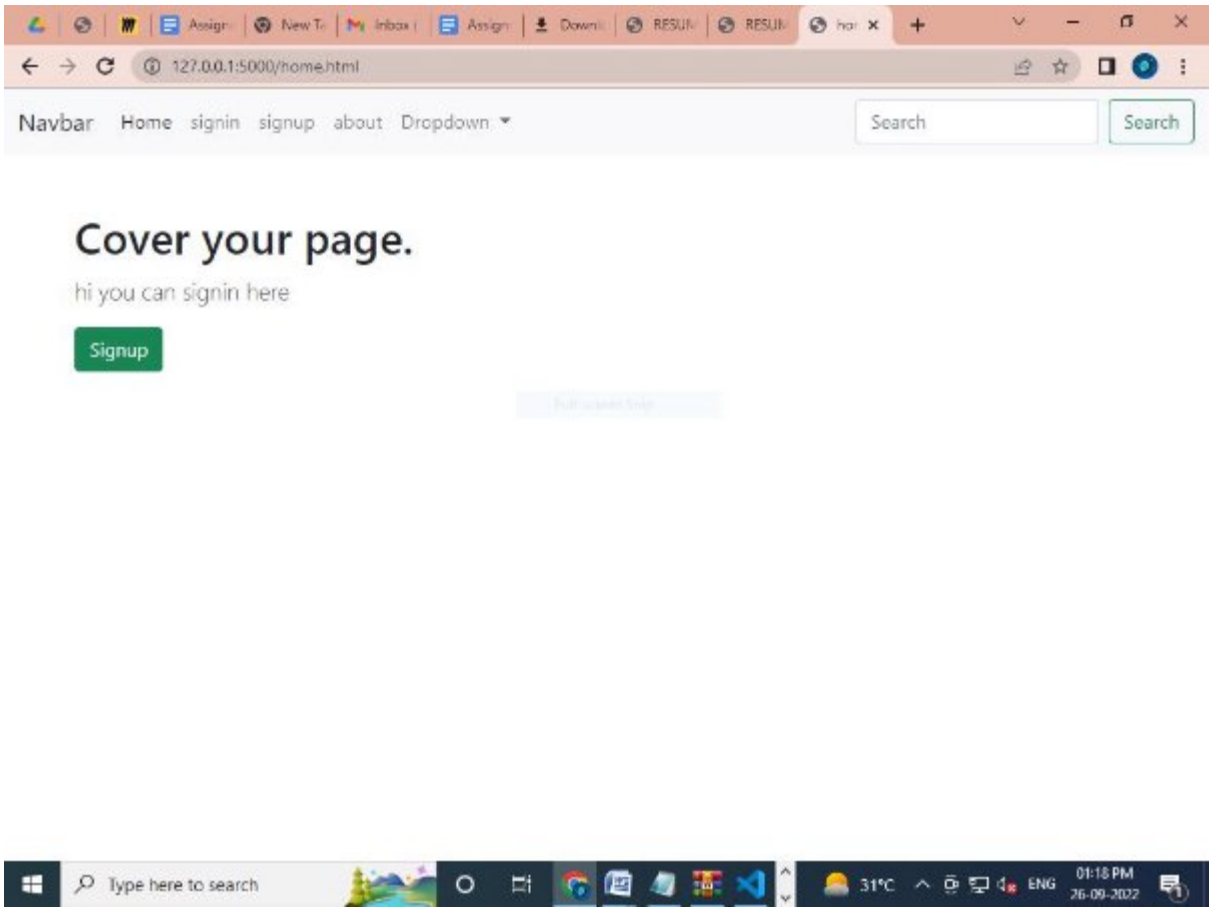
Signup page

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

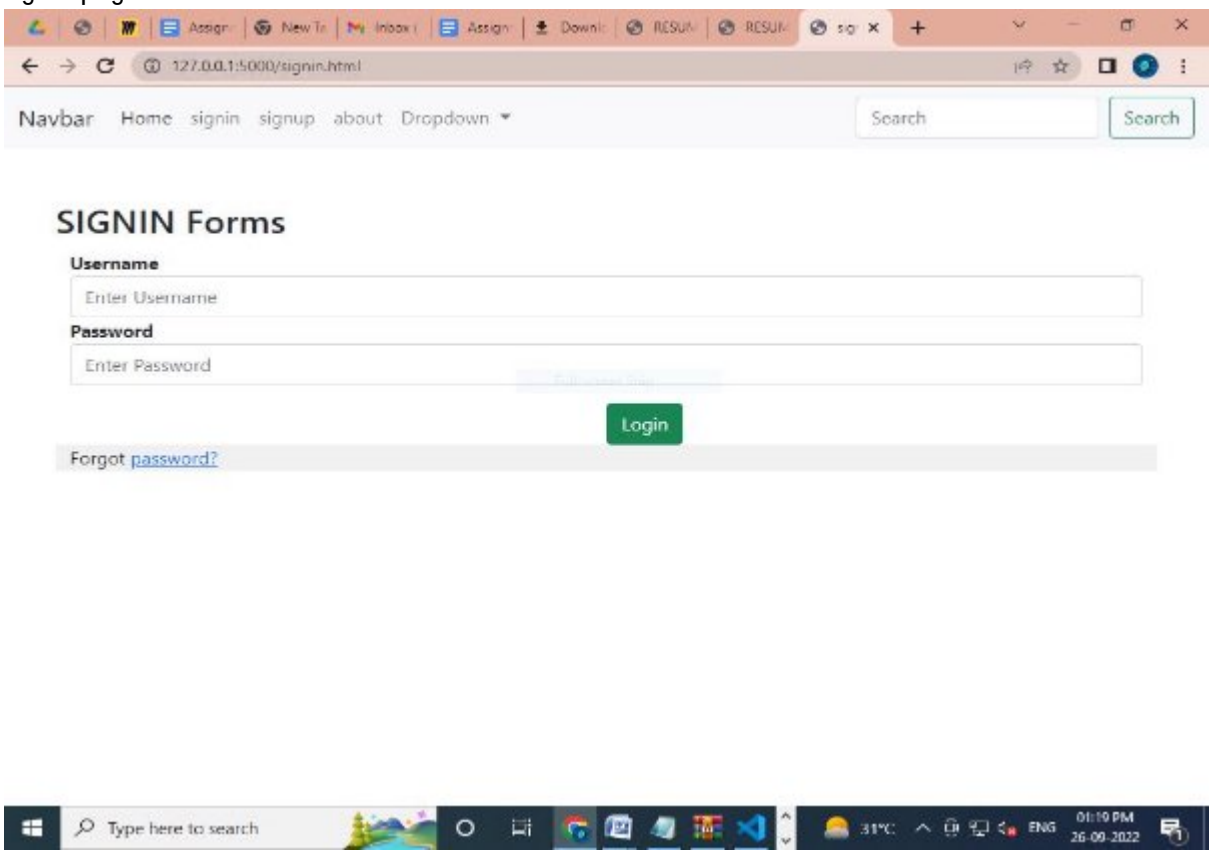
```
{% block body %}

<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

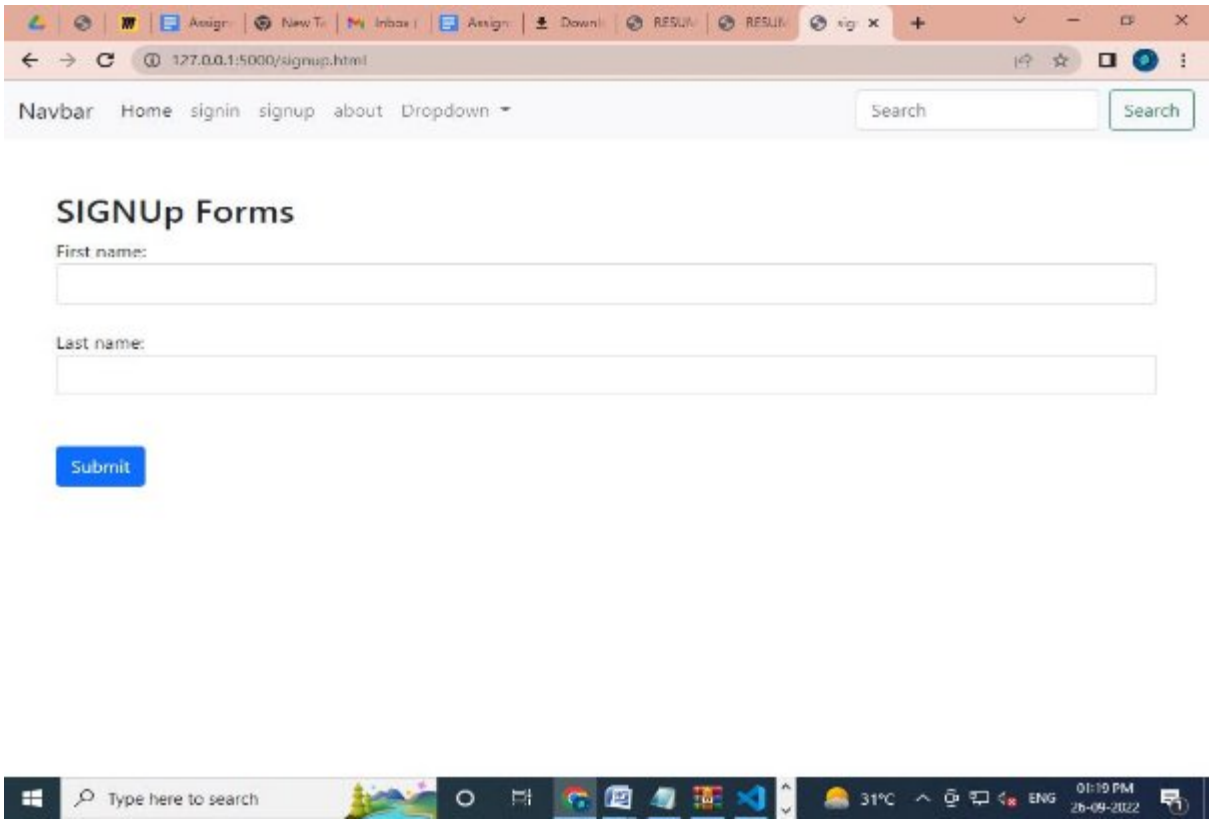
Homepage:


127.0.0.1:5000/home.html
Navbar
Home
signin
signup
about
Dropdown
Search
Search
Cover your page.
hi you can signin here
Signup
Type here to search
31°C
ENG
01:18 PM
26-09-2022

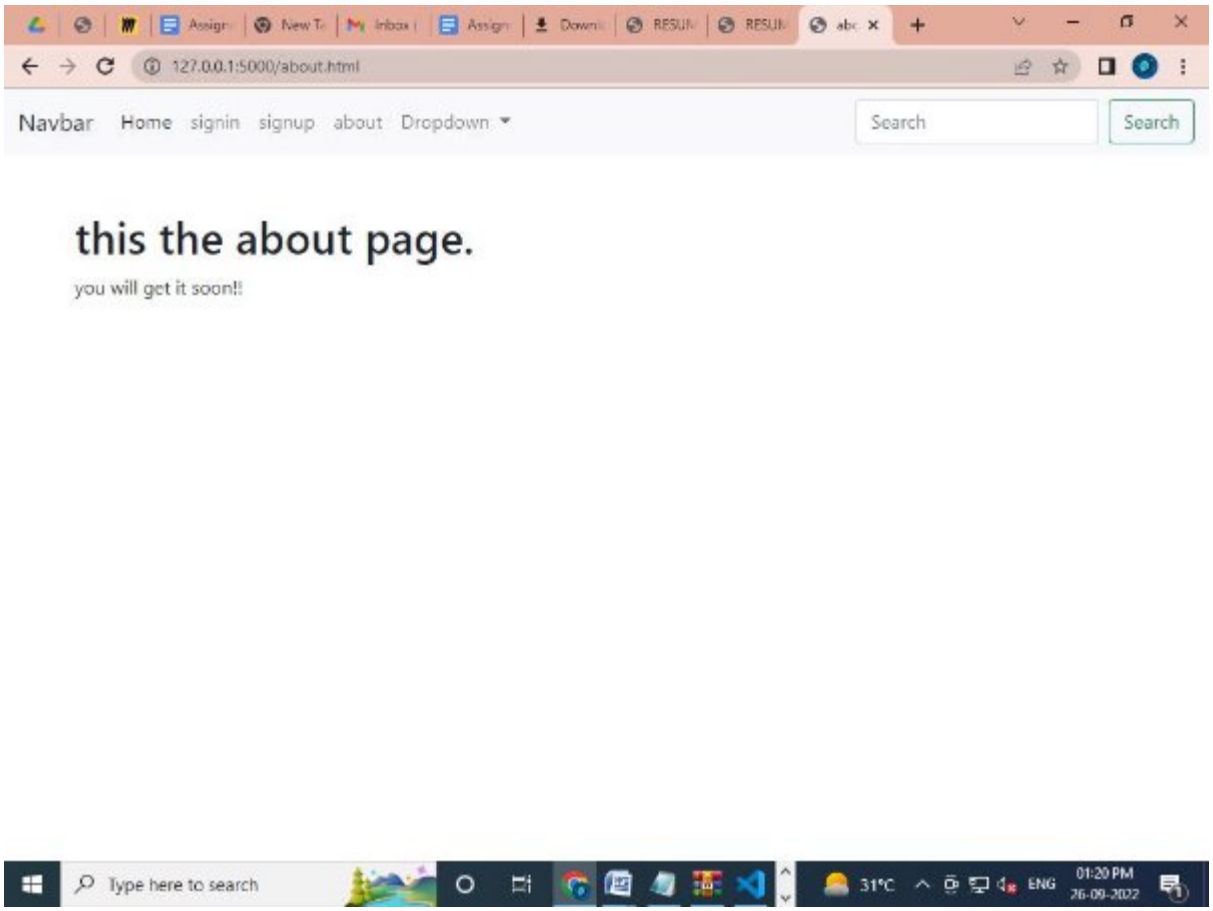
Signin page:



signup page:


127.0.0.1:5000/signup.html
Navbar
Home
signin
signup
about
Dropdown
Search
Search
SIGNUp Forms
First name:
Last name:
Submit
Type here to search
31°C
ENG
01:10 PM
26-09-2022

About page:


127.0.0.1:5000/about.html
Navbar
Home
signin
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Search
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