

Assignment -2

Assignment Date	24 September 2022
Student Name	N.Ranjith
Student Roll Number	913319104040
Maximum Marks	2 Marks

Question:

- 1.Create a Flask App.
- 2.Add the Home Page ,About Page.
- 3.Add the Bootstrap
- 4.Add the Sign in Page and Add the Sign up Page with database connectivity.
- 5.Use IBM Db2 as Database.

Base:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <!-- CSS only -->

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">

  <!-- JavaScript Bundle with Popper -->

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIH7NnikvZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>

  {% block head %} {% endblock %}

</head>

<body>
```

```

<nav class="navbar navbar-expand-lg bg-light">

  <div class="container-fluid">

    <a class="navbar-brand" href="{{url_for('index')}}">Home</a>

  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-
btarget="#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="{{url_for('chat')}}">Chat</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="{{url_for('signup')}}">Sign up</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="{{url_for('create')}}">Create</a>

        </li>

        <!-- <li class="nav-item dropdown">

          <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown"
aria-expanded="false" Dropdown </a>

          <ul class="dropdown-menu">

            <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>

        <li class="nav-item">

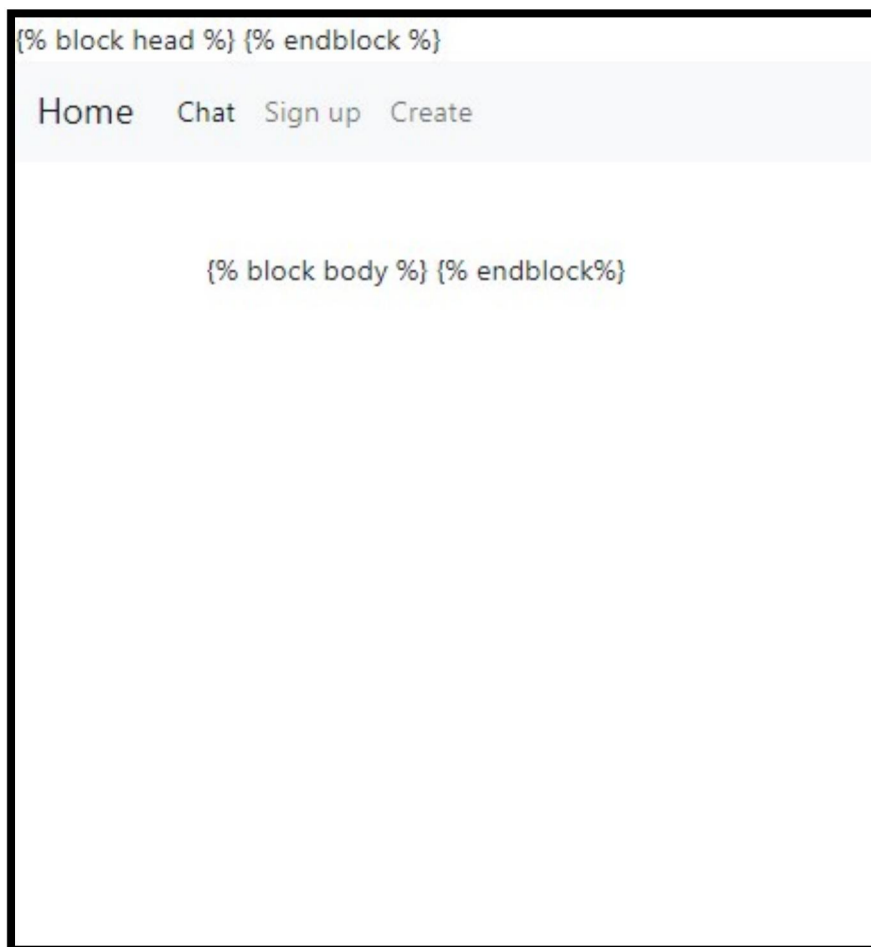
          <a class="nav-link disabled">Disabled</a>

        </li>

      </ul>

```

```
<form class="d-flex" role="search">
  <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>
```



Chat:

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

{% block body %}

<h1>{% block title %} Messages {% endblock %}</h1>

<hr>

{% for messages in messages %}

    <div class="message">

        <h3>{{ messages['title'] }}</h3>

        <p>{{ messages['content'] }}</p>

    </div>

{% endfor %}

{% endblock %}
```

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

```
{% block title %} Messages {% endblock %}
```

```
{% for messages in messages %}
```

```
{{ messages['title'] }}
```

```
{{ messages['content'] }}
```

```
{% endfor %} {% endblock %}
```

Create:

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

{% block body %}

    <h1> {% block title %} Add a New Message {% endblock %} </h1>

    <form method ="post">

        <label for="title">Title</label >

        <br>

        <input type ="text" name ="title" placeholder ="Message Title" value
        ="{{ request.form['title'] }}" class="form-control">

        </input >

        <br>

        <label for = "content"> Message Content </label >

        <br>

        <textarea name ="content" placeholder = "Message Content"
        value="{{ request.form['content'] }}" class="form-control" ></textarea >

        <br>

        <button type="Submit" class="btn btn-success"> Submit</button>

    </form>

{% endblock %}
```

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

{% block title %} Add a New Message {% endblock %}

Title

Message Content



{% endblock %}
```

Index:

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

{% block head %}

<title>Home page</title>

{% endblock %}

{% block body %}

<div class="p-5 mb-4 bg-light rounded-3"><div class="container-fluid py-5">

    <h1 class="display-5 fw-bold">Home Page</h1>

    <p class="col-md-8 fs-4">Hii there, This is a Home page.</p>

    <p class="col-md-8 fs-4">All the CSS properties are built using Bootstrap</p>

    <p class="col-md-8 fs-4">Page routes are built by Jinja2 Template</p>

    <p class="col-md-8 fs-4">Click on Chat on the nav bar to see the chats.</p>

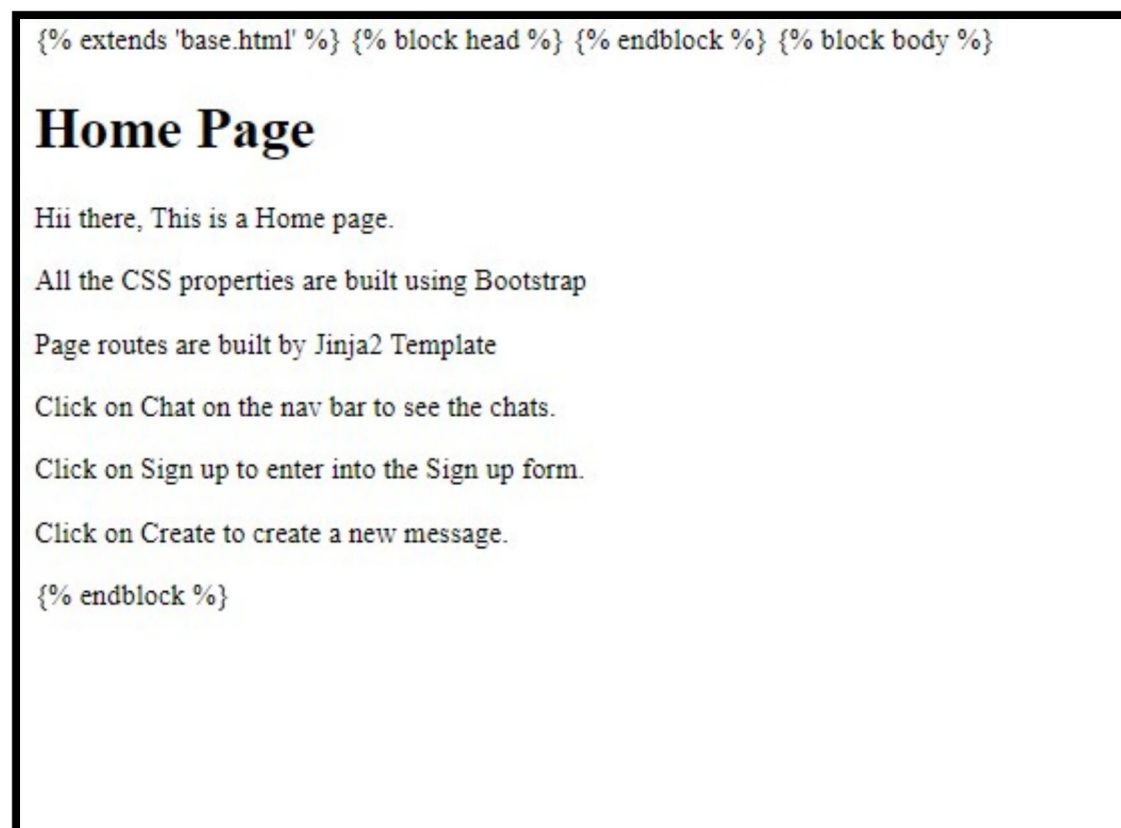
    <p class="col-md-8 fs-4">Click on Sign up to enter into the Sign up form.</p>

    <p class="col-md-8 fs-4">Click on Create to create a new message.</p>

    <!-- <button class="btn btn-primary btn-lg" type="button">Example button</button> -->

</div></div>

{% endblock %}
```



Signup:

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

{% block head %}

    <title>Signup page</title>

{% endblock %}

{% block body %}

    <h2>Signup forms</h2>

    <form action="/signup">

        <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">

    <p>If you click the "Submit" button, the form-data will be sent to a page called
    "/action_page.php".</p>

{% endblock %}
```

```
{% extends 'base.html' %} {% block head %} {% endblock %} {% block body %}
```

Signup forms

First name:

Last name:

If you click the "Submit" button, the form-data will be sent to a page called "/action_page.php".

```
{% endblock %}
```