

ASSIGNMENT – 1

SMART FASHION RECOMMENDER APPLICATION

app.py

```
from flask import Flask,render_template
```

```
app = Flask(__name__)
```

```
@app.route("/")
```

```
def home():
```

```
    return render_template("home.html")
```

```
@app.route("/about")
```

```
def about():
```

```
    return render_template("about.html")
```

```
@app.route("/sign_up")
```

```
def sign_up():
```

```
    return render_template("sign_up.html")
```

```
@app.route("/sign_in")
```

```
def sign_in():
```

```
    return render_template("sign_in.html")
```

```
if __name__ == "__main__":
```

```
    app.run()
```

base.html

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css"
integrity="sha384-
ggOyR0iXCbMQv3Xipma34MD+dH/1fQ784/j6cY/iJTQUOhcWr7x9JvoRxT2
MZw1T" crossorigin="anonymous">

{% block head %} {% endblock %}

</head>

<body>

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

<div class="container-fluid">

Navbar

<button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"
aria-label="Toggle navigation">

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav">

<li class="nav-item">

```
    <a class="nav-link active" aria-current="page" href="/">Home</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="/about">About</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="/sign_up">Sing Up</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="/sign_in">Sign In</a>
  </li>
</ul>
</div>
</div>
</nav>
```

```
<!-- Optional JavaScript -->
```

```
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
```

```
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6j
izo" crossorigin="anonymous"></script>
```

```
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"
integrity="sha384-
UO2eT0CpHqdSJK6hJty5KVphtPhzWj9WO1clHTMGa3JDZwrnQq4sF86dIH
NDz0W1" crossorigin="anonymous"></script>
```

```
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"
integrity="sha384-
```

JjSmVgyd0p3pXB1rRibZUAYoIIy6OrQ6VrjIEaFf/nJGzIxFDs4x0xIM+B07jRM" crossorigin="anonymous"></script>

```
{% block body%} {% endblock %}

</body>

</html>
```

home.html

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

{% block head %}

<title>Home</title>

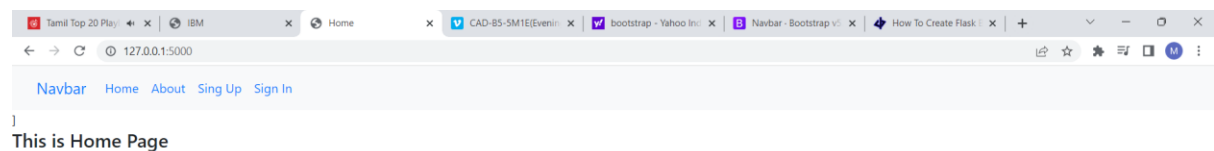
{% endblock %}

{% block body %}]

<h4>This is Home Page</h4>

{% endblock %}
```

Output:



About.html

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

```
{% block head %}
```

```
<title>About</title>
```

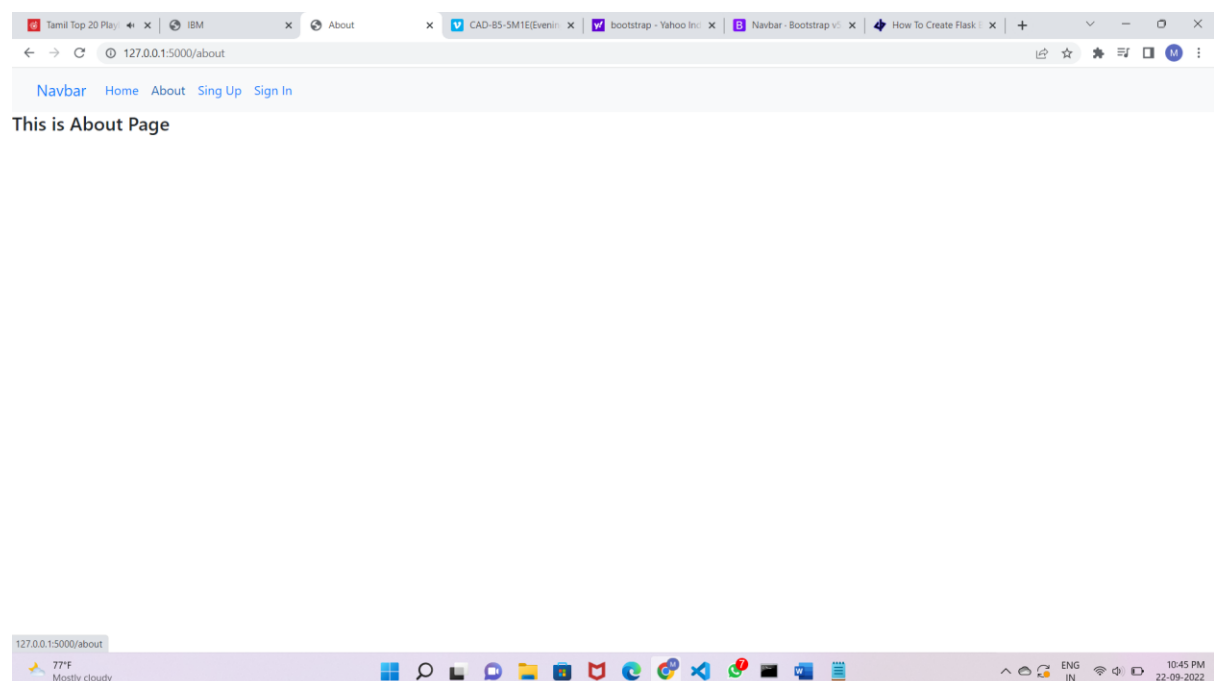
```
{% endblock %}
```

```
{% block body %}
```

```
<h4>This is About Page</h4>
```

```
{% endblock %}
```

Output:



sign_up.html:

```
{ % extends 'base.html' % }
{ % block head % }
    <title>Sign Up</title>
{ % endblock % }
{ % block body % }
<center><h2>Sign Up Form</h2></center>
<form>
    <div class="mb-3">
        <label for="name" class="form-label">Name</label>
        <input type="email" class="form-control" id="name">
    </div>
    <div class="mb-3">
        <label for="email" class="form-label">Email address</label>
        <input type="email" class="form-control" id="email">
    </div>
    <div class="mb-3">
        <label for="pwd" class="form-label">Password</label>
        <input type="password" class="form-control" id="pwd">
    </div>
    <div class="mb-3">
        <label for="cpwd" class="form-label">Email address</label>
        <input type="password" class="form-control" id="cpwd">
    </div>
    <center><button type="submit" class="btn btn-primary">Sign
Up</button></center>
</form>
{ % endblock % }
```

Output:

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/sign_up'. The page has a navigation bar with links: [Navbar](#), [Home](#), [About](#), [Sing Up](#), and [Sign In](#). The main content area is titled 'Sign Up Form'. It contains four input fields: 'Name', 'Email address', 'Password', and 'Email address'. A blue 'Sign Up' button is located below the form fields. The browser's taskbar at the bottom shows the system clock as 10:48 PM on 22-09-2022.

Sign in.html:

```
{ % extends 'base.html' % }  
{ % block head % }  
    <title>Sign In</title>  
{ % endblock % }  
{ % block body % }  
<center><h2>Sign In Page</h2></center>  
  
    <form>  
        <div class="mb-3">  
            <label for="email" class="form-label">Email address</label>  
            <input type="email" class="form-control" id="email">  
        </div>  
        <div class="mb-3">  
            <label for="pwd" class="form-label">Password</label>
```

```
<input type="password" class="form-control" id="pwd">
</div>
<center><button type="submit" class="btn btn-primary">Sign
Up</button></center>
</form>
{% endblock %}
```

Output:

