

IBM NALAIYATHIRAN

Assignment -2

Assignment Date	30.09. 2022
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Student Roll Number	211719104142
Maximum Marks	2 Marks

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
```

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/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOMLAsJc"
crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle
.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>
<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>
here</a></li>
</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>
```

```
{% endblock %}
```

Signup page:

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

```
{% block head %}  
<title>signup page</title>  
{% endblock %}
```

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

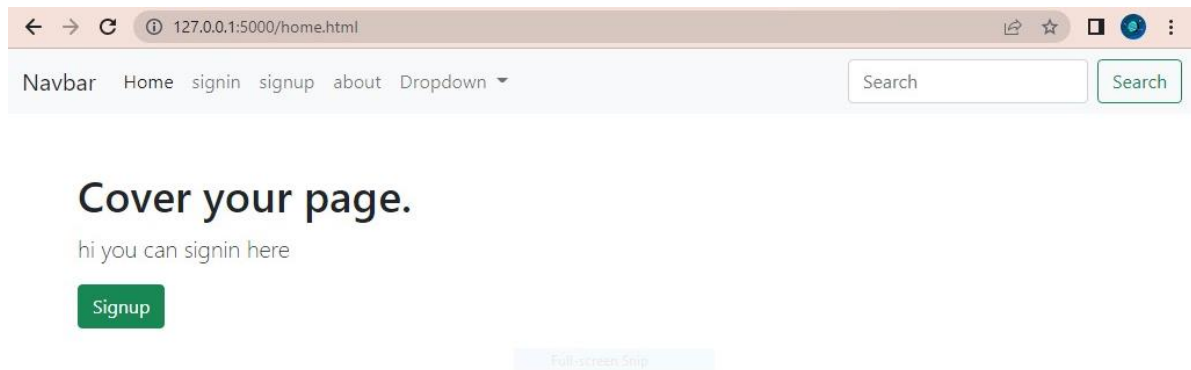
```
<h2>SIGNUp Forms</h2>
```

```
<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 %}
```

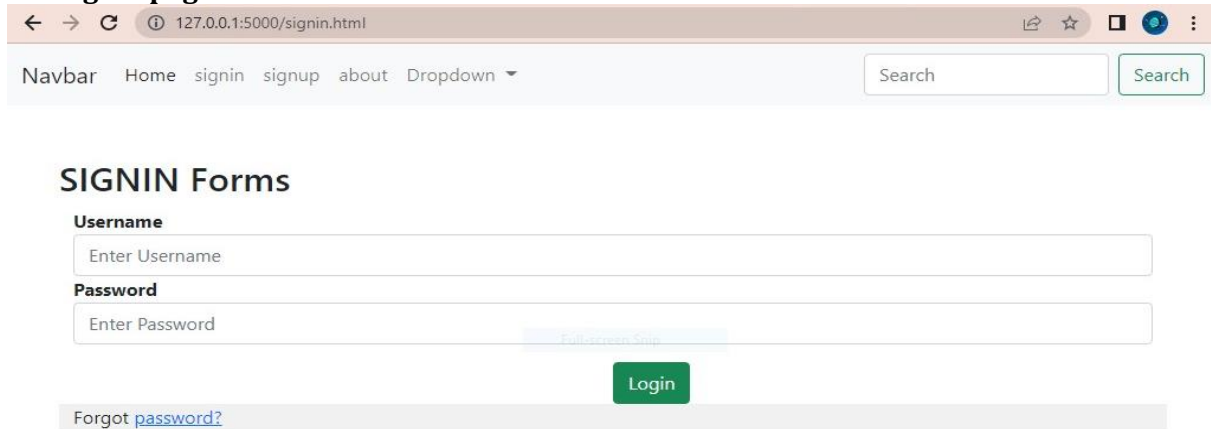
Output

Homepage:



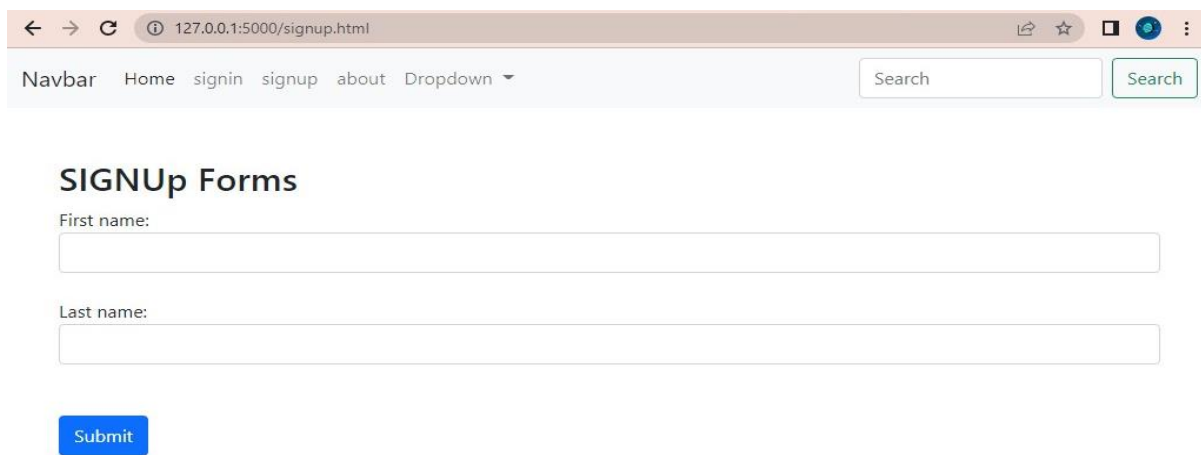
A screenshot of a web browser showing the homepage. The address bar displays '127.0.0.1:5000/home.html'. The navigation bar includes links for 'Navbar', 'Home', 'signin', 'signup', 'about', and a 'Dropdown' menu. A search bar with a 'Search' button is located on the right. The main content area features the heading 'Cover your page.' followed by the text 'hi you can signin here' and a green 'Signup' button. A 'Full-screen Snip' watermark is visible in the background.

Signin page:



A screenshot of a web browser showing the signin page. The address bar displays '127.0.0.1:5000/signin.html'. The navigation bar is identical to the homepage. The main content area is titled 'SIGNIN Forms' and contains two input fields: 'Username' with the placeholder 'Enter Username' and 'Password' with the placeholder 'Enter Password'. A green 'Login' button is positioned below the password field. A link for 'Forgot password?' is located at the bottom left. A 'Full-screen Snip' watermark is visible in the background.

signup page:



A screenshot of a web browser showing the signup page. The address bar displays '127.0.0.1:5000/signup.html'. The navigation bar is identical to the homepage. The main content area is titled 'SIGNUp Forms' and contains two input fields: 'First name:' and 'Last name:'. A blue 'Submit' button is located at the bottom left. A 'Full-screen Snip' watermark is visible in the background.

About Page:

←

→

↻

127.0.0.1:5000/about.html

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☆

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⋮

Navbar Home signin signup about Dropdown ▾

Search

Search

this the about page.

you will get it soon!!