

Assignment -2

Assignment Date	19 September 2022
Student Name	Deepak B
Student Roll Number	61771921007
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 Signup Page

Solution:

app.py

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

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

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

```
def hello_world():
```

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

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

```
def about():
```

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

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

```
def signin():
```

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

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

```
def signout():
```

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

home.html

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

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

```
<title>Homepage</title>
```

```
{% endblock %}
```

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

```
<header class="py-5">
```

```
<div class="container px-lg-5">
```

```
<div class="p-4 p-lg-5 bg-light rounded-3 text-center">
```

```
<div class="m-4 m-lg-5">
```

```
<h1 class="display-5 fw-bold">Welcome to the home page</h1>
```

```
<p class="fs-4">Click the button below to know more about us</p>
```

```
<a class="btn btn-primary btn-lg" href="/about">Know more</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</header>
```

```
{% endblock %}
```

about.html

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

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

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

```
{% endblock %}
```

```
{% block body %}

<div class="jumbotron mt-5 ms-5">

  <h1 class="display-4">About page</h1>

  <p class="lead">This is the content of the about page.</p>

  <hr class="my-4">

  <p>This is the help text in the hero component of this page</p>

  <p class="lead">

    <a class="btn btn-primary btn-lg" href="/" role="button">Go to homepage</a>

  </p>

</div>

{% endblock %}
```

signin.html

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

{% block head %}

  <title>Signin page</title>

{% endblock %}

{% block body %}

  <section class="vh-100" style="background-color: #eee;">

    <div class="container py-5 h-100">

      <div class="row d-flex justify-content-center align-items-center h-100">

        <div class="col col-xl-10">

          <div class="card" style="border-radius: 1rem;">

            <div class="row g-0">

              <div class="col-md-6 col-lg-5 d-none d-md-block">

                
</div>

<div class="col-md-6 col-lg-7 d-flex align-items-center">

  <div class="card-body p-4 p-lg-5 text-black">

    <form action="/signin" method="POST">

      <div class="d-flex align-items-center mb-3 pb-1">

        <i class="fas fa-cubes fa-2x me-3" style="color: #ff6219;"></i>

        <span class="h1 fw-bold mb-0">Logo</span>

      </div>

      <h5 class="fw-normal mb-3 pb-3" style="letter-spacing: 1px;">Sign into your
account</h5>

      <div class="form-outline mb-4">

        <input type="email" id="email" class="form-control form-control-lg" />

        <label class="form-label" for="email">Email address</label>

      </div>

      <div class="form-outline mb-4">

        <input type="password" id="pwd" class="form-control form-control-lg" />

        <label class="form-label" for="pwd">Password</label>

      </div>

      <div class="pt-1 mb-4">

        <button class="btn btn-dark btn-lg btn-block" type="button">Login</button>

      </div>

      <a class="small text-muted" href="#!">Forgot password?</a>

      <p class="mb-5 pb-lg-2" style="color: #393f81;">Don't have an account? <a
href="/signup"

      style="color: #393f81;">Register here</a></p>

      <a href="#!" class="small text-muted">Terms and Conditions</a>
```



```
<form class="mx-1 mx-md-4" action="/signup" method="POST">
```

```
<div class="d-flex flex-row align-items-center mb-4">
```

```
<i class="fas fa-user fa-lg me-3 fa-fw"></i>
```

```
<div class="form-outline flex-fill mb-0">
```

```
<input type="text" id="name" class="form-control" />
```

```
<label class="form-label" for="name">Name</label>
```

```
</div>
```

```
</div>
```

```
<div class="d-flex flex-row align-items-center mb-4">
```

```
<i class="fas fa-envelope fa-lg me-3 fa-fw"></i>
```

```
<div class="form-outline flex-fill mb-0">
```

```
<input type="email" id="email" class="form-control" />
```

```
<label class="form-label" for="email">Email address</label>
```

```
</div>
```

```
</div>
```

```
<div class="d-flex flex-row align-items-center mb-4">
```

```
<i class="fas fa-lock fa-lg me-3 fa-fw"></i>
```

```
<div class="form-outline flex-fill mb-0">
```

```
<input type="password" id="pwd" class="form-control" />
```

```
<label class="form-label" for="pwd">Password</label>
```

```
</div>
```

```
</div>
```

```
<div class="d-flex flex-row align-items-center mb-4">
```

```
<i class="fas fa-key fa-lg me-3 fa-fw"></i>
```

```
<div class="form-outline flex-fill mb-0">
```

```
<input type="password" id="cpwd" class="form-control" />
```

```
<label class="form-label" for="cpwd">Confirm Password</label>
```

</div>

</div>

<div class="form-check d-flex justify-content-center mb-5">

<input class="form-check-input me-2" type="checkbox" value="" id="tc" />

<label class="form-check-label" for="tc">

I agree to Terms and Conditions

</label>

</div>

<div class="d-flex justify-content-center mx-4 mb-3 mb-lg-4">

<button type="button" class="btn btn-dark btn-lg btn-block">Sign up</button>

</div>

</form>

</div>

<div class="col-md-10 col-lg-6 col-xl-7 d-flex align-items-center order-1 order-lg-2">

</div>

</div>

</div>

</div>

</div>

</div>

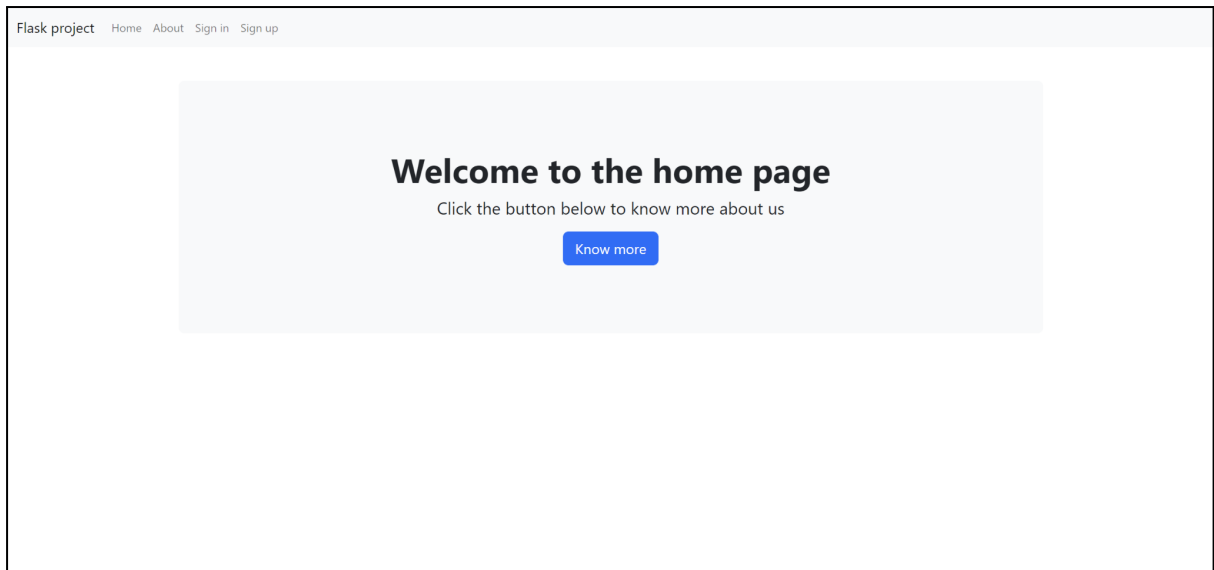
</div>

</section>

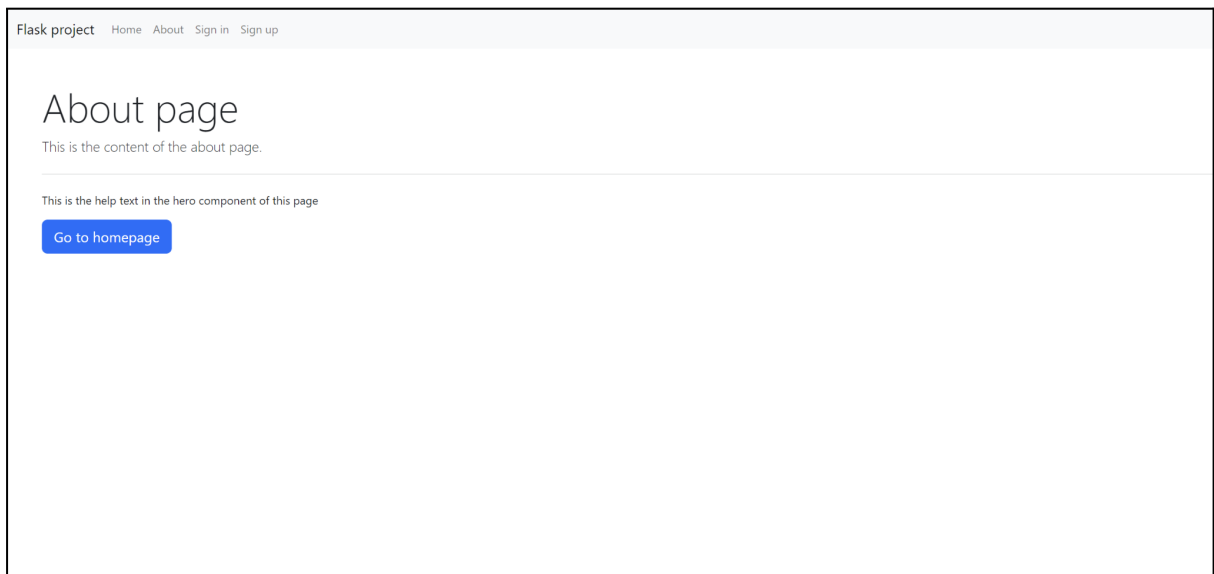
{% endblock %}

Sample Screenshot:

(Home)



(About)



(Sign in)


Flask project

Home

About

Sign in

Sign up



Logo

Sign into your account

Email address

Password

Login

[Forgot password?](#)
Don't have an account? [Register here](#)

[Terms and Conditions](#)

(Sign up)

Flask project

Home

About

Sign in

Sign up

Sign up

Name

Email address

Password

Confirm Password

☐ I agree to [Terms and Conditions](#)

Sign up

