**Assignment -1**

Python Programming

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| --- | --- |
| Assignment Date | 17/09/2022 |
| Student Name | Sivanesan.R |
| Student Roll Number | 512219104018 |
| Maximum Marks | 2 Marks |

**Question:**

1. Create a Flask App.
2. Add the Home page, About page.
3. Add Bootstrap.
4. Add the Sign in page and Sign up page.

**Solution:**

**App.py**

from flask import Flask, render\_template, request, redirect

app = Flask(\_\_name\_\_)

app.secret\_key = 'fasdgfdhkfsgdfg'

@app.route('/')

def home():

    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 signup():

    return render\_template('signup.html')

**About.html**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  </head>

    <body>

      <nav class="navbar navbar-inverse">

        <div class="container">

          <div class="navbar-header">

            <a class="navbar-brand" href="#">Assignment\_1</a>

          </div>

          <ul class="nav navbar-nav">

            <li><a href="/">Home</a></li>

            <li class="active"><a href="/about">About</a></li>

            <li><a href="/signin">Sign in</a></li>

            <li><a href="/signup">Sign up</a></li>

          </ul>

        </div>

      </nav>

      <div class="container">

        <h1>This is the About page</h1><br>

        <p>The assignment is to create a flask app,</p><div class="row"></div>

        <p>And add a Home page and About page</p><div class="row"></div>

        <p>Include Bootstrap</p><div class="row"></div>

        <p>FInally add a sign in and sign up page</p>

      </div>

    </body>

  </html>

**Home.html**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

  </head>

  <body>

    <nav class="navbar navbar-inverse">

        <div class="container">

          <div class="navbar-header">

            <a class="navbar-brand" href="#">Assignment</a>

          </div>

          <ul class="nav navbar-nav">

            <li class="active"><a href="/">Home</a></li>

            <li><a href="/about">About</a></li>

            <li><a href="/signin">Sign in</a></li>

            <li><a href="/signup">Sign up</a></li>

          </ul>

        </div>

      </nav>

    <div class="container">

      <h1>Welcome to my Assignment page</h1>

      <p>This is my assignment to create a  flask app with some html pages.</p>

    </div>

    </body>

</html>

**Sign in.html**

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="utf-8">

        <meta name="viewport" content="width=device-width, initial-scale=1">

        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    </head>

    <body>

        <nav class="navbar navbar-inverse">

            <div class="container">

              <div class="navbar-header">

                <a class="navbar-brand" href="#">Assignment\_1</a>

              </div>

              <ul class="nav navbar-nav">

                <li><a href="/">Home</a></li>

                <li><a href="/about">About</a></li>

                <li class="active"><a href="/signin">Sign in</a></li>

                <li><a href="/signup">Sign up</a></li>

              </ul>

            </div>

        </nav>

        <form>

            <div class="container">

                <h3><label class="form-label" for="form2Example1">User name</label></h3>

                <input type="text" id="form2Example1" class="form-control" />

            </div>

            <!-- Password input -->

            <div class="container">

                <h3><label class="form-label" for="form2Example2">Password</label></h3>

                <input type="password" id="form2Example2" class="form-control" />

            </div>

            <!-- 2 column grid layout for inline styling -->

            <div class="container">

              <div class="col d-flex justify-content-center">

                <!-- Checkbox -->

                <div class="container">

                  <input class="form-check-input" type="checkbox" value="" id="form2Example31" checked />

                  <label class="form-check-label" for="form2Example31"> Remember me </label>

                </div>

              </div>

              <div class="col">

                <!-- Simple link -->

                <a href="#!">Forgot password?</a>

              </div>

            </div>

            <br>

            <div class="container">

            <button type="button" class="btn btn-primary btn-lg">Sign in</button>

            </div>

            <!-- Register buttons -->

            <div class="text-center">

              <p>Not a member? <a href="#!">Register</a></p>

              <p>or sign up with:</p>

              <button type="button" class="btn btn-link btn-floating mx-1">

                <i class="fab fa-facebook-f"></i>

              </button>

              <button type="button" class="btn btn-link btn-floating mx-1">

                <i class="fab fa-google"></i>

              </button>

              <button type="button" class="btn btn-link btn-floating mx-1">

                <i class="fab fa-twitter"></i>

              </button>

              <button type="button" class="btn btn-link btn-floating mx-1">

                <i class="fab fa-github"></i>

              </button>

            </div>

          </form>

    </body>

</html>

**Sign up.html**

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="utf-8">

        <meta name="viewport" content="width=device-width, initial-scale=1">

        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

    </head>

    <body>

        <nav class="navbar navbar-inverse">

            <div class="container">

              <div class="navbar-header">

                <a class="navbar-brand" href="#">Assignment\_1</a>

              </div>

              <ul class="nav navbar-nav">

                <li><a href="/">Home</a></li>

                <li><a href="/about">About</a></li>

                <li><a href="/signin">Sign in</a></li>

                <li class="active"><a href="/signup">Sign up</a></li>

              </ul>

            </div>

        </nav>

        <form>

            <!-- Email input -->

            <div class="container">

                <h3><label class="form-label" for="form2Example1">Email address</label></h3>

                <input type="email" id="form2Example1" class="form-control" />

            </div>

            <div class="container">

                <h3><label class="form-label" for="form2Example1">User name</label></h3>

                <input type="text" id="form2Example1" class="form-control" />

            </div>

            <!-- Password input -->

            <div class="container">

                <h3><label class="form-label" for="form2Example2">Password</label></h3>

                <input type="password" id="form2Example2" class="form-control" />

            </div>

            <!-- 2 column grid layout for inline styling -->

            <div class="container">

              <div class="col d-flex justify-content-center">

                <!-- Checkbox -->

                <div class="container">

                  <input class="form-check-input" type="checkbox" value="" id="form2Example31" checked />

                  <label class="form-check-label" for="form2Example31"> Remember me </label>

                </div>

              </div>

            </div>

            <br>

            <div class="container">

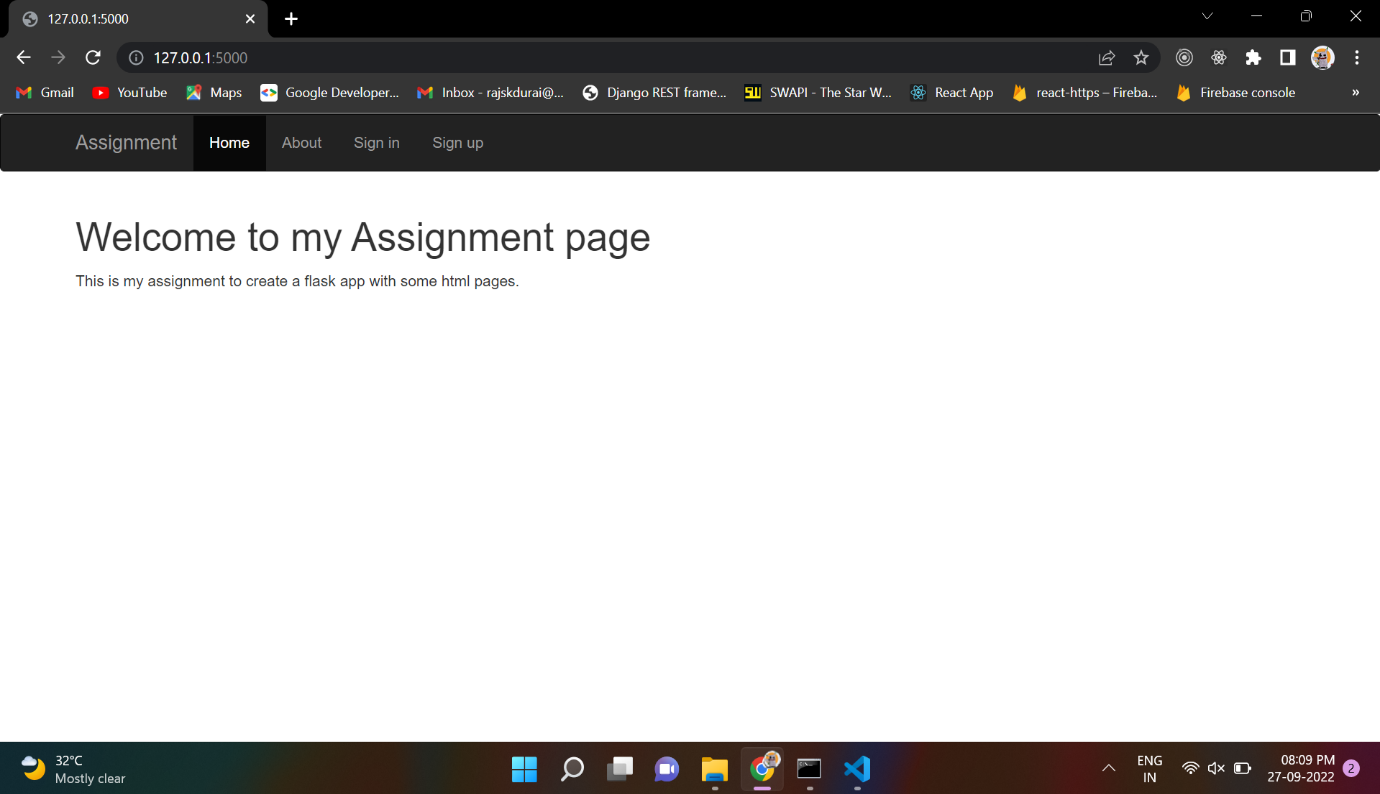
            <button type="button" class="btn btn-primary btn-lg">Sign up</button>

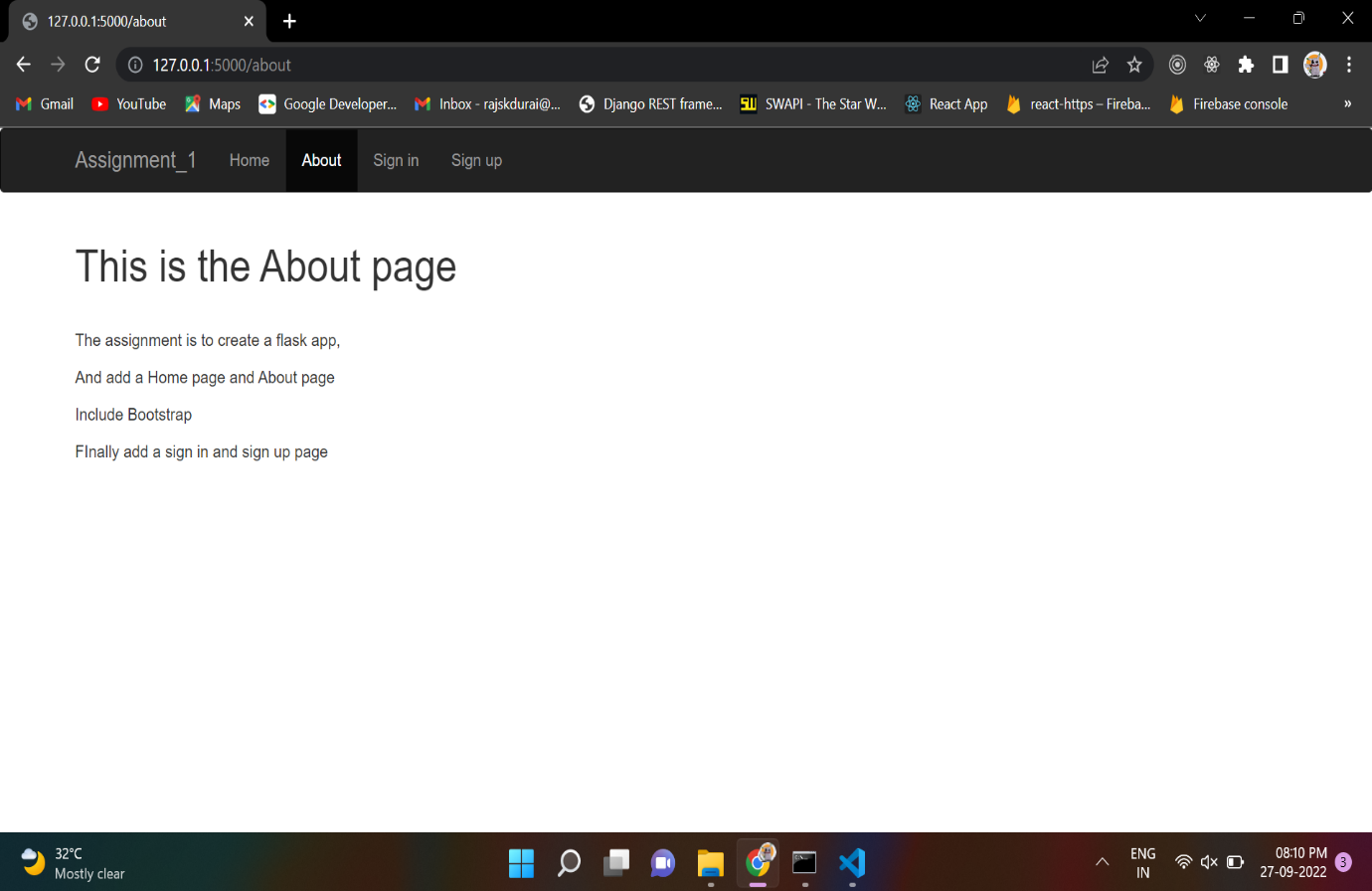
            </div>

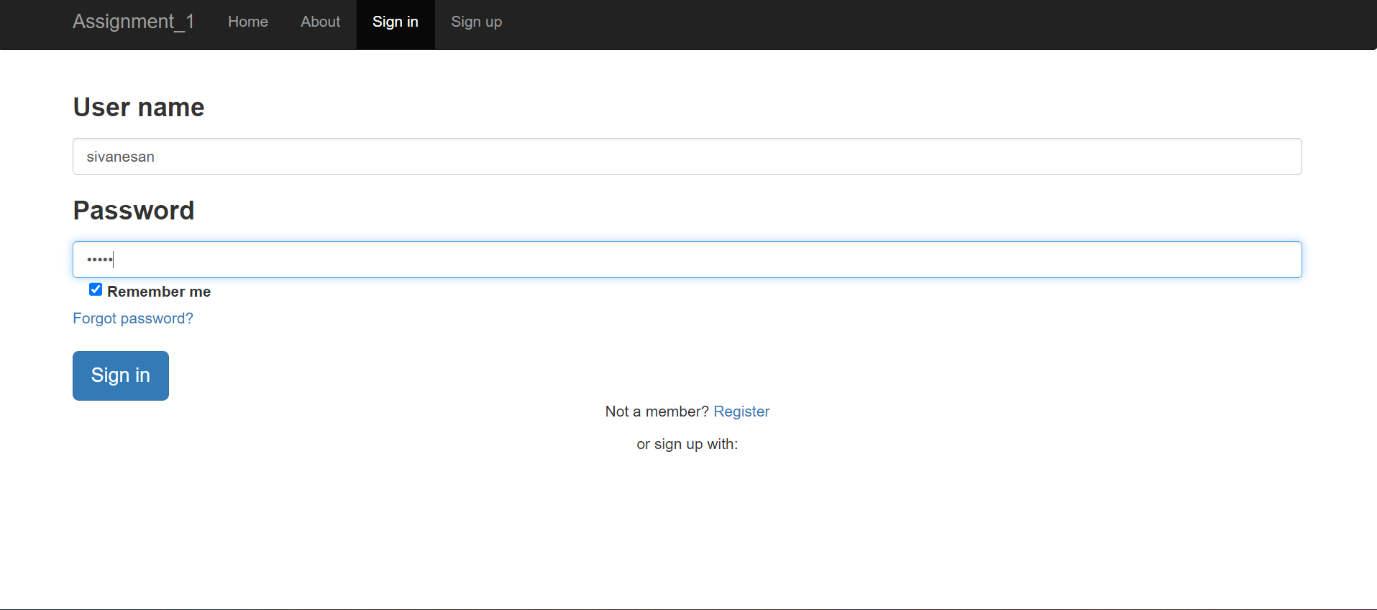
          </form>

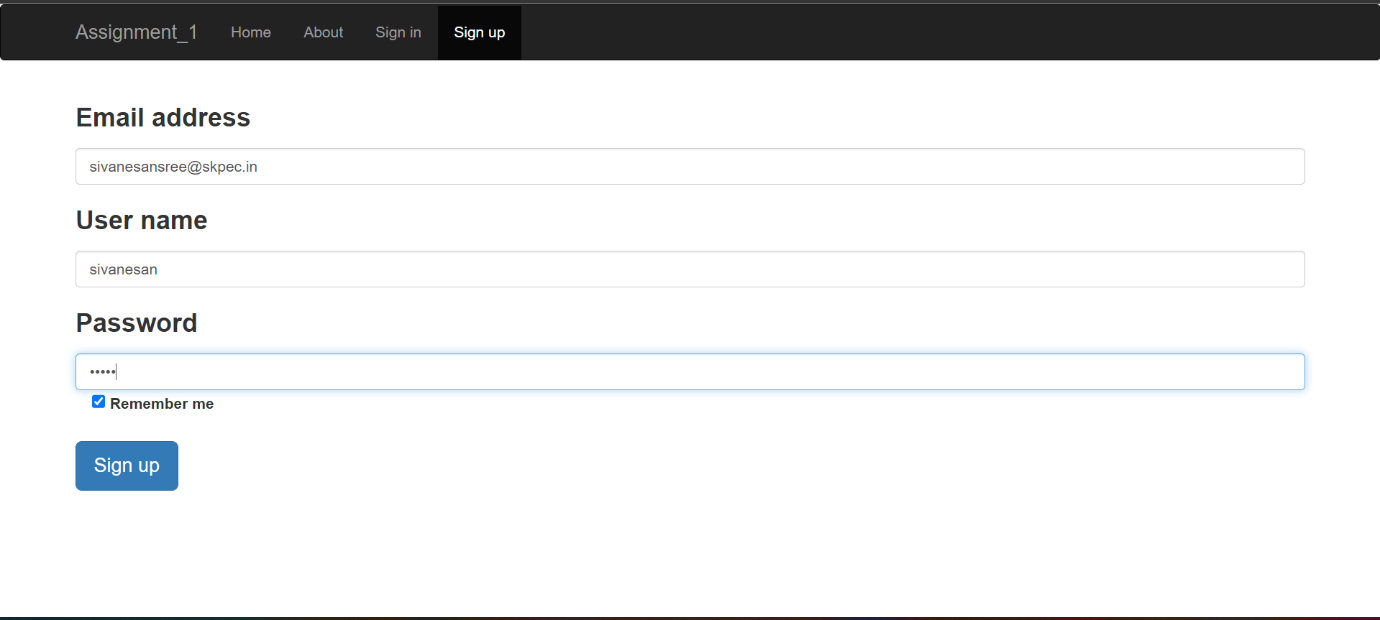
    </body>

</html>

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