**Assignment -1**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 18-09-2022 |
| Student Name | Aishwarya R |
| Student Roll Number | 311019104006 |

Question 1.

Create registration page in html with username, email and phone number and by using POST method display it in next html page.

Program: **register.html**

<!DOCTYPE html>

<html>

<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>Registration form</title>

</head>

<body>

<center>

<form action="{{ url\_for("register")}}" method="post">

Name : <input type="text" name="user"><br><br>

Email id : <input type="text" name="email"><br><br>

Phone Number : <input type="text" name="phone"><br><br>

<input type="submit" value="Submit"><br>

</form>

</center>

</body> </html> **app.py:**

from flask import Flask, request, render\_template app = Flask(\_\_name\_\_)

@app.route('/', methods =["GET", "POST"])

def register(): if request.method == "POST": name = request.form.get("user") email = request.form.get("email") phone = request.form.get("phone") return "Name is : " + name + ", Email is : " + email + ", Mobile Number is : "+ phone return render\_template("register.html") if \_\_name\_\_=='\_\_main\_\_':

app.debug=True

app.run()

Question 2.

Develop a flask program which should contain atleast 5 packages used from pypi.org **base.html:**

<!DOCTYPE html>

<html>

<head>

<title>Page Title</title>

{% block head %} {% endblock %}

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-

iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT" crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js" integrity="sha384-

u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8" crossorigin="anonymous">

</script>

</head>

<body>

<a href="/">HOME</a>

<a href="/Blog">BLOG</a>

<a href="/Signin">SIGN IN</a>

<a href="/Signup">SIGN UP</a>

<hr><br>

<div class="container">

{% block body %} {% endblock %}

</div>

</body> </html> **blog.html:**

{% extends 'base.html' %}

{% block head %}

<title>Blog Page</title>

{% endblock %}

{% block body %}

<h1>This is Jeffrey Blog</h1>

<h2><p>Hello, from Jeffrey</p></h2>

{% endblock %} **index.html:**

{% extends 'base.html' %}

{% block head %}

<title>Home Page</title>

{% endblock %}

{% block body %}

<h1>Hello everyone,</h1>

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

<div class="container-fluid py-5">

<h1 class="dispay-5 fw-bold">WIFI TECHNOLOGY<h1>

<p class="col-md-8 fs-4"> Wi-Fi is a wireless networking technology that allows devices such as computers (laptops and desktops), mobile devices (smart phones and wearables), and other equipment (printers and video cameras) to interface with the Internet.

</p>

</div>

</div> {% endblock %} **signup.html:**

{% extends 'base.html' %}

{% block head %}

<title>Signup Page</title>

{% endblock %}

{% block body %}

<h1>Signup Page</h1>

<form action="Signup" method="POST">

<label>Name</label><br>

<input type="text" name="name"><br><br>

<label>Email</label><br>

<input type="email" name="email"><br><br>

<label>Phone</label><br>

<input type="text" name="phone"><br><br>

<label>Password</label><br>

<input type="password" name="name"><br><br>

<label>Retype Password</label><br>

<input type="password" name="name"><br><br><br>

<input type="submit" class="btn btn-primary">

</form> {% endblock %} **signin.html:**

{% extends 'base.html' %}

{% block head %}

<title>Signin Page</title>

{% endblock %}

{% block body %}

<h1>Signin Page</h1>

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

<label>Email</label><br>

<input type="email" name="email"><br><br>

<label>password</label><br>

<input type="password" name="name"><br><br>

<input type="submit" class="btn btn-primary">

</form> {% endblock %} **app.py:**

from flask import Flask, render\_template app = Flask(\_\_name\_\_ )

@app.route('/', methods =["GET", "POST"]) def Index():

return render\_template('index.html') @app.route('/Blog') def Blog():

return render\_template('blog.html') @app.route('/Signup') def Signup():

return render\_template('signup.html') @app.route('/Signin')

def Signin():

return render\_template('signin.html') if \_\_name\_\_ =='\_\_main\_\_':

app.debug = True app.run()

OUTPUT:



