Assignment -1

Python Programming

Assignment Date	
Student Name	Nithesh Priyan T
Student Roll Number	73771914144
Team ID	PNT2022TMID11679

Question1.

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

Program:

Registration_form.html

```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:

```python
from flask import Flask, request, render_template app = Flask(_name_)
@app.route('/', methods =["GET", "POST"])
```

```python
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=Trueapp.run()
```

Question2

Develop a flask program which should contain atleast 5 packages used from pypi.org

base.html:

```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/bootstr ap.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 Samle Blog</h1>
<h2><p>Hello, from Mr.X</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  technologythat allows devices such as computers (laptops and desktops), mobiledevices (smartphones and wearables), and other equipment (printers and video cameras)to interfacewith 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():
```

```python
    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()
```