

**Assignment -1**  
Python Programming

Assignment Date	18-09-2022
Student Name	Deepika.A
Student Roll Number	311019104016

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/T2uDLTpkwGzCiq6soy8tYal1GyVh/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+RTT6rIH7NnikvbZlHgTPOOmMi466C8"
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="display-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:

