

**Assignment -1**  
Python Programming

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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="password"><br><br>

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

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

