

**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="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:

