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/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>

HOME

```html
<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:
```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:
```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.
```

```html
</p>
</div>
</div> {% endblock
%}
```

signup.html:

```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:

```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()
```