## 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 at least 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"</pre>
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"</pre>
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rlHI7NnikvbZlHgTPOOmMi466C8"
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>Hello, from Jeffrey</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>
 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.
</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:
```



This is Jeffrey Blog Hello, from Jeffrey

