

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:

Registration_form.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
ap.min.css"

rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaIlGyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.
bundle.min.js "

integrity="sha384-
ul0knCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
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 Samle Blog</h1>
<h2><p>Hello, from Mr.X</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>

<input type="text" name="name">

<label>Email</label>

<input type="email" name="email">

<label>Phone</label>

<input type="text" name="phone">

<label>Password</label>

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

<label>Retype Password</label>

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

<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()

```