

Assignment – 1
Python Programming

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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"
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+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 Alan Mathew</h1>
<h2><p>Hello from Alan</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 %}

```

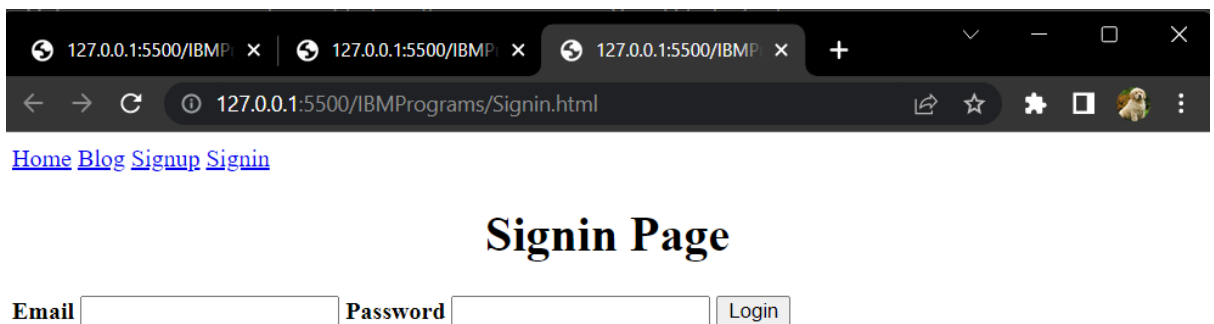
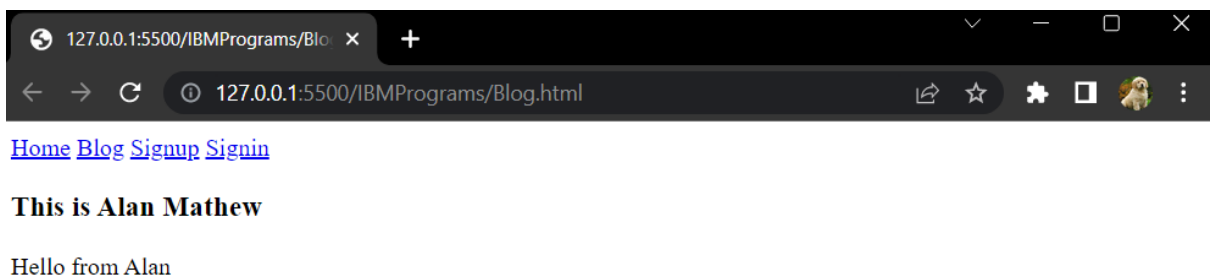
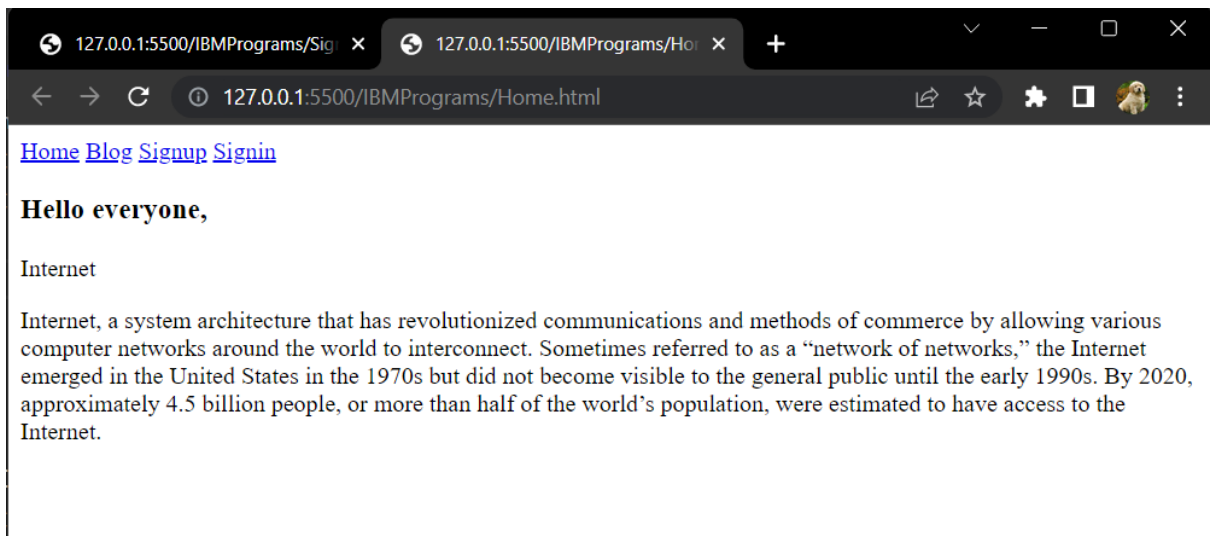
app.py:

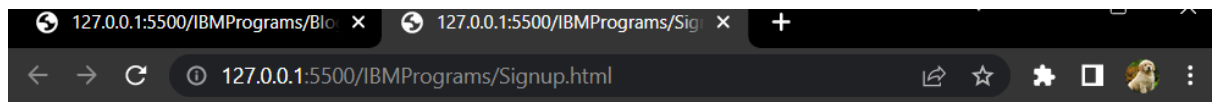
```

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:





[Home](#) [Blog](#) [Signup](#) [Signin](#)

Signup Page

Name

Email

Phone

Password

Retype Password

submit