

Assignment -1
Python Programming

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| Assignment Date | 18-09-2022 |
| Student Name | Kiran Babu |
| Student Roll Number | 311019104038 |

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="_ HYPERLINK
"https://cdn.jsdelivr.net/npm/bootstrap%405.2.1/dist/css/bootstrap.min.css" https://cdn.jsdelivr.net/n
pm/bootstrap@5.2.1/dist/css/bootstrap.min.css HYPERLINK
"https://cdn.jsdelivr.net/npm/bootstrap%405.2.1/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
HYPERLINK
"https://cdn.jsdelivr.net/npm/bootstrap%405.2.1/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:

Hello everyone,

WIFI TECHNOLOGY

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.

This is kiran Blog

Hello, from kiran

Signin Page

Email

password

Submit

Signup Page

Name

Email

Phone

Password

Retype Password

Submit