

Assignment-2

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PROJECTNAME	SMART FASHION RECOMMENDER APPLICATION
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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

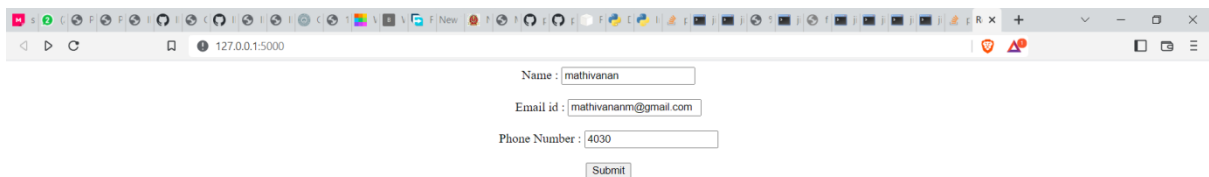
    return render_template("register.html")

if __name__ == '__main__':

    app.debug=True

    app.run()
```

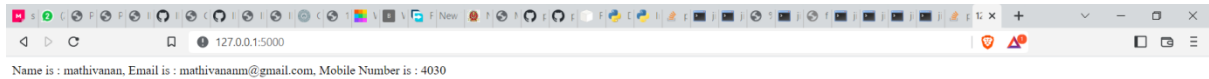
Output:



Name :

Email id :

Phone Number :



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>
```

```
<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 My Blog</h1>
<h2>
    <p>Hey Hello Everyone</p>
</h2>
{% endblock %}
```

index.html:

```
{% extends 'base.html' %}
{% block head %}
<title>Home Page</title>
{% endblock %}
{% block body %}
<h1>Hey Hello</h1>
```

```
<div class="p-5 mb-4 bg-light rounded-3">

  <div class="container-fluid py-5">

    <h1 class="display-5 fw-bold">HELLO EVERYONE !</h1>


  </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="password"><br><br>

  <label>Retype Password</label><br>

  <input type="password" name="password"><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():
```

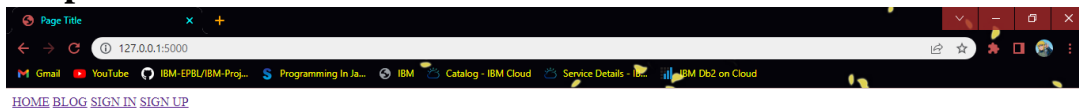
```
return render_template('signin.html')

if __name__ == '__main__':

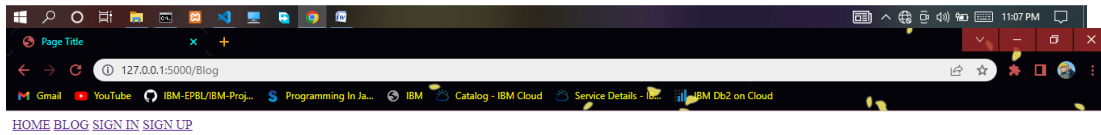
    app.debug = True

    app.run()
```

Output:

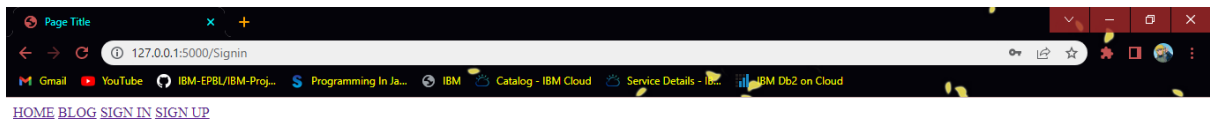


Hey Hello
HELLO EVERYONE !



This My Blog
Hey Hello Everyone



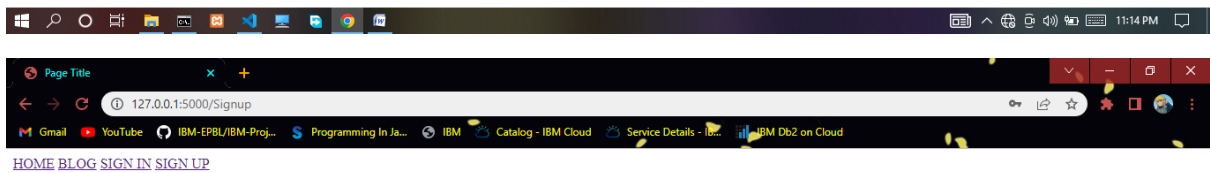


Signin Page

Email
mathivananm@gmail.com

password

Submit



Signup Page

Name
mathivanan

Email
mathivananm@gmail.com

Phone
4030

Password

Retype Password

Submit