

Assignment-2

TEAM ID	PNT2022TMID44286
PROJECT NAME	PERSONAL EXPENSE TRACKER APPLICATION

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

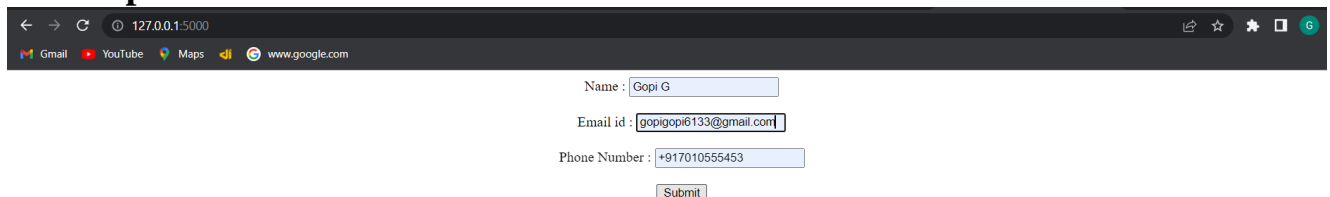
    return render_template("register.html")


if __name__ == '__main__':

    app.debug=True

    app.run()
```

Output:



A screenshot of a web browser window displaying a registration form. The browser's address bar shows the URL "127.0.0.1:5000". The form contains three input fields: "Name" with the value "Gopi G", "Email id" with the value "gopigopi6133@gmail.com", and "Phone Number" with the value "+917010555453". Below the input fields is a "Submit" button.



Name is : Gopi G, Email is : gopigopi6133@gmail.com, Mobile Number is : +917010555453



2. Develop a flask program which should contain atleast 5 packages used from pypi.org

Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <title>Flask project</title>
  </head>
  <body>
    <form action="login" method="post">
      <p>Enter name</p>
      <p><input type="text" name="input_name"></p>
      <p><input type="submit" name="submit"></p>
    </form>
  </body>
</html>
```

App.py

```
import flask
from flask import Flask,render_template,url_for,redirect,request

app=Flask(__name__)

@app.route('/')
def index():
    return render_template("index.html")
@app.route('/success/<name>')
def success(name):
    return "welcome %s"%name
@app.route("/login",methods=['POST','GET'])
def login():
    if request.method=='POST':
        user=request.form['input_name']
        return redirect(url_for("success",name=user))
    else:
        user=request.args.get("input_name")
        return redirect(url_for("success",name=user))

if __name__ == '__main__':
    app.run(debug=True)
```

OUTPUT:



Enter name



welcome gopi