

Assignment-1

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|--------------|--------------------------------------|
| 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 these 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