Assignment -1
Flask Assignment

Assignment Date	26-09-2022
Student Name	GOKUL. S
Student Roll Number	7179KCTKCTKCTKCTKCTKCTKCT19BCS033
Maximum Marks	2 Marks

1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.

register.html

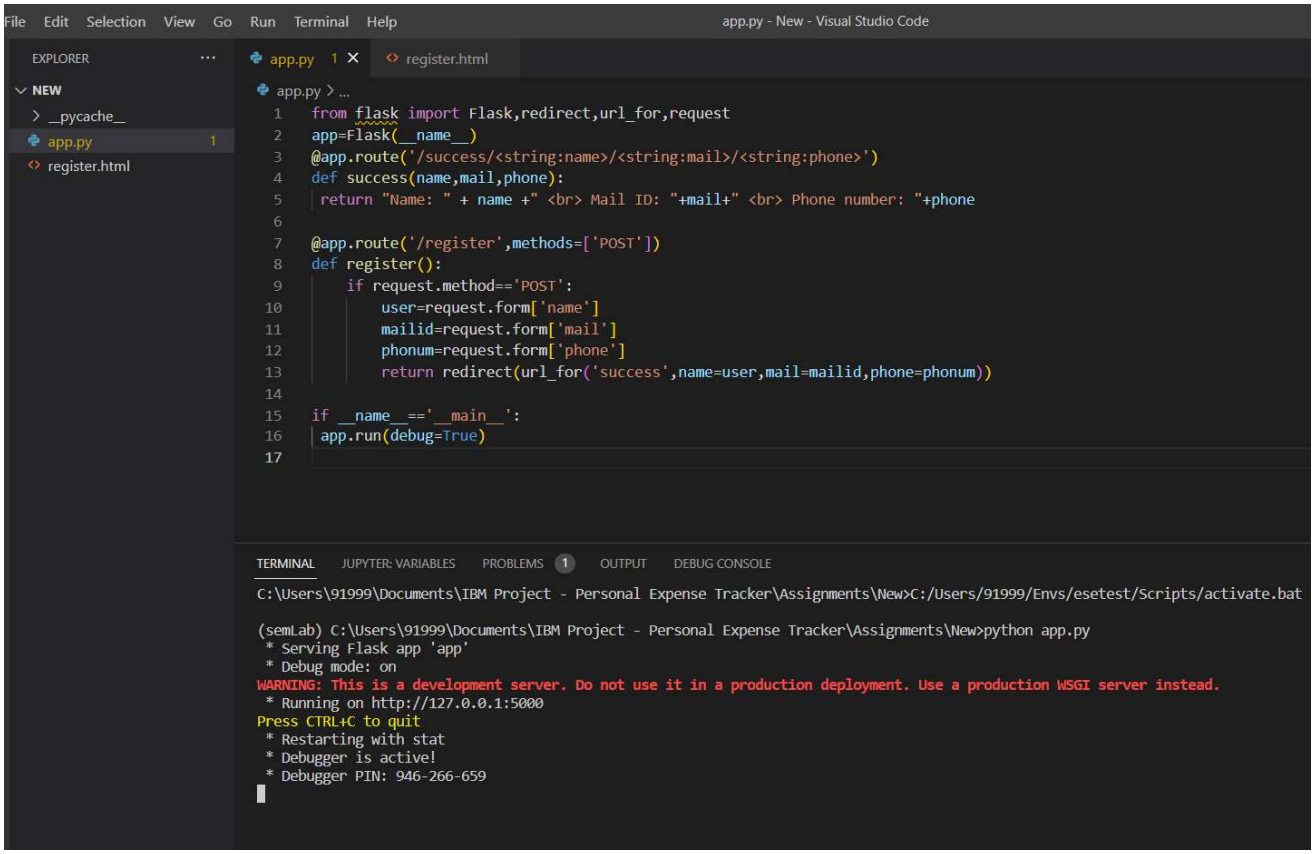
```
<html>
<head>
        <title>Registration Page </title>
</head>
<body>
<form action="http://127.0.0.1:5000//register" method="POST">
        <h1> Registration Form </h1>
<p> Enter your name : <input type="text" name="name"/></p>
                <p> Enter your mail id: <input type="email" name="mail"/></p>
                <p> Enter your phone number:<input type="number" name="phone"/></p>
                <p> <input type="submit" value="submit"></p>
</form>
</body>
</html>
```

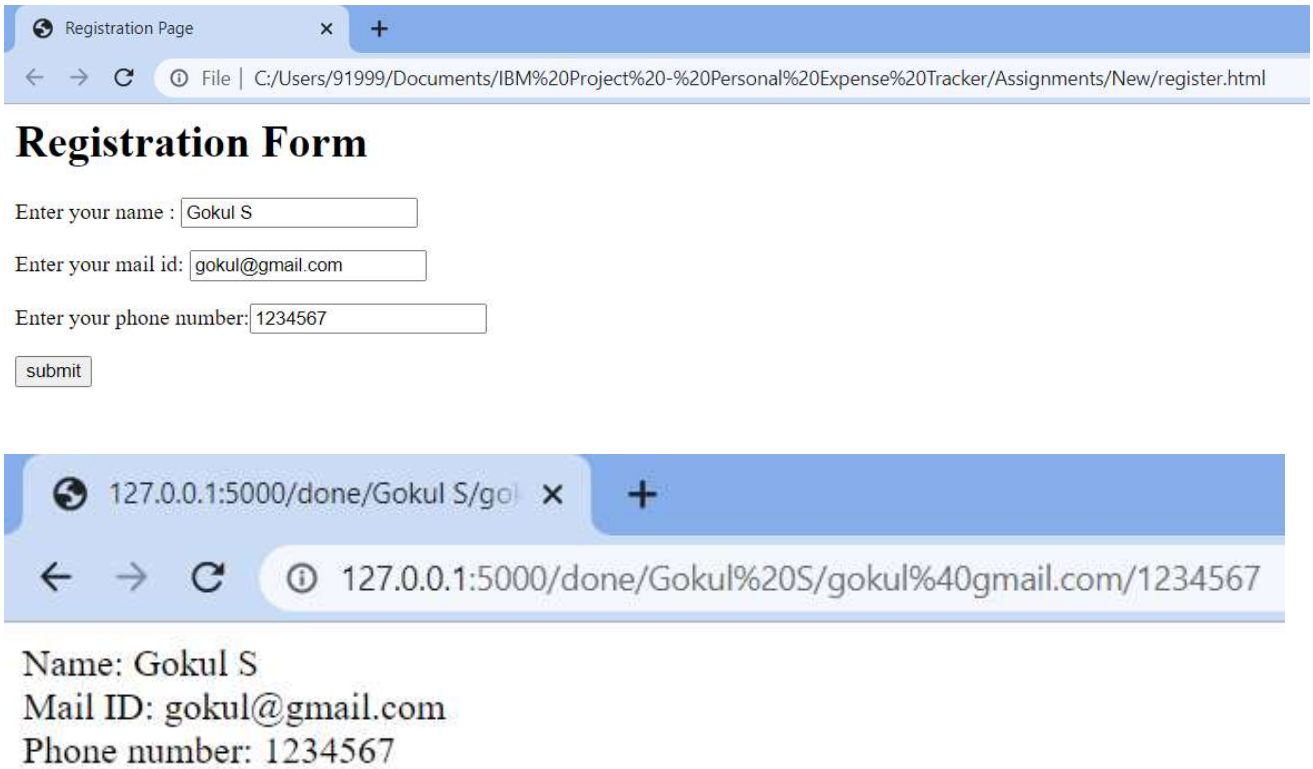
app.py

```
from flask import Flask,redirect,url_for,request
app=Flask(__name__)
@app.route('/success/<string:name>/<string:mail>/<string:phone>')
def success(name,mail,phone):
 return "Name: " + name +" <br> Mail ID: "+mail+" <br> Phone number: "+phone

@app.route('/register',methods=['POST'])
def register():
   if request.method=='POST':
      user=request.form['name']
      mailid=request.form['mail']
      phonum=request.form['phone']
      return redirect(url_for('success',name=user,mail=mailid,phone=phonum))

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


File Edit Selection View Go Run Terminal Help
app.py - New - Visual Studio Code
EXPLORER
NEW
__pycache__
app.py 1
register.html
app.py 1
register.html
app.py > ...
1 from flask import Flask,redirect,url_for,request
2 app=Flask(__name__)
3 @app.route('/success/<string:name>/<string:mail>/<string:phone>')
4 def success(name,mail,phone):
5 return "Name: " + name +"
 Mail ID: "+mail+"
 Phone number: "+phone
6
7 @app.route('/register',methods=['POST'])
8 def register():
9 if request.method=='POST':
10 user=request.form['name']
11 mailid=request.form['mail']
12 phonum=request.form['phone']
13 return redirect(url_for('success',name=user,mail=mailid,phone=phonum))
14
15 if __name__=='__main__':
16 app.run(debug=True)
17
TERMINAL JUPYTER: VARIABLES PROBLEMS 1 OUTPUT DEBUG CONSOLE
C:\Users\91999\Documents\IBM Project - Personal Expense Tracker\Assignments\New>C:/Users/91999/Envs/esetest/Scripts/activate.bat
(semLab) C:\Users\91999\Documents\IBM Project - Personal Expense Tracker\Assignments\New>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 946-266-659


Registration Page
File | C:/Users/91999/Documents/IBM%20Project%20-%20Personal%20Expense%20Tracker/Assignments/New/register.html
Registration Form
Enter your name : Gokul S
Enter your mail id: gokul@gmail.com
Enter your phone number: 1234567
submit

127.0.0.1:5000/done/Gokul S/go
127.0.0.1:5000/done/Gokul%20S/gokul%40gmail.com/1234567
Name: Gokul S
Mail ID: gokul@gmail.com
Phone number: 1234567

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

```
from flask import Flask, request, json
app = Flask(__name__)
student_marks = {"Gokul": 94, "Raam": 95, "Ashok": 95, "Serjeel": 99}

@app.route("/mark/<id>", methods=['PUT'])
def Op_update(id):
   mark = request.form['student']
   student_marks[str(id)] = mark
   return 'Mark is Updated'

@app.route("/mark/<id>", methods=["DELETE"])
def Op_delete(id):
   student_marks.pop(str(id))
   return 'Record Deleted'

@app.route('/mark', methods=['GET', 'POST'])
def api():
   if request.method == 'GET':
      return student_marks
   if request.method == 'POST':
      mark = request.json
      student_marks.update(mark)
      return ' Student Record Inserted'

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