Assignment -1
Python
Programming

Assignment Date	19 September 2022
Student Name	Santhosh Kumar S
Student Roll Number	2019115089
Maximum Marks	2 Marks

Question 1:

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

Solution 1:

register.html

```
<!DOCTYPE HTML>

<html>

	<head>

		<title> User Registration Form </title>

	</head>

	<body>

		<H2> User Registration Form </H2>

		<form action="{{ url_for('register')}}" method="POST">

		  <div class="msg">{{ msg }}</div>

			<input id="username" name="username" type="text" placeholder="Enter Your Username" class="textbox"/></br></br>

		<input id="email" name="email" type="text" placeholder="Enter Your Email ID" class="textbox"/></br></br>

		<input id="mobile" name="mobile" type="number" placeholder="Enter Your Mobile No." class="textbox"/></br></br>

			<input type="submit" class="btn" value="SUBMIT"></br>

		</FORM>

	</BODY>

</HTML>
```

dashboard.html

```
<!DOCTYPE HTML>
<html>
	<head>
		<title>User application</title>
	</head>
	<body>
		<div class="msg1">Username : {{ msg1 }}</div>
		<div class="msg2">Email : {{ msg2 }}</div>
		<div class="msg3">Phone no: {{ msg3 }}</div>
	</BODY>
</HTML>
```

app.py

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

app = Flask(__name__)

@app.route('/',methods =['GET',
'POST'])def register():
   msg = ''
```

```
    if request.method == 'POST' and 'username' in request.form and 'email' in
  request.form and'mobile' in request.form:
        username =
        request.form['username']email =
        request.form['email']
        mobile =
        request.form['mobile']msg =
        'Registered Successfully!'
        return render_template('dashboard.html',msg1 = username,msg2 = email,msg3 =
    mobile)return render_template('register.html', msg = msg)


  if __name_=='_main_':
    app.run()
```

OUTPUT:

Question 2:

Develop a flask program which should contain at least 5 packages used from

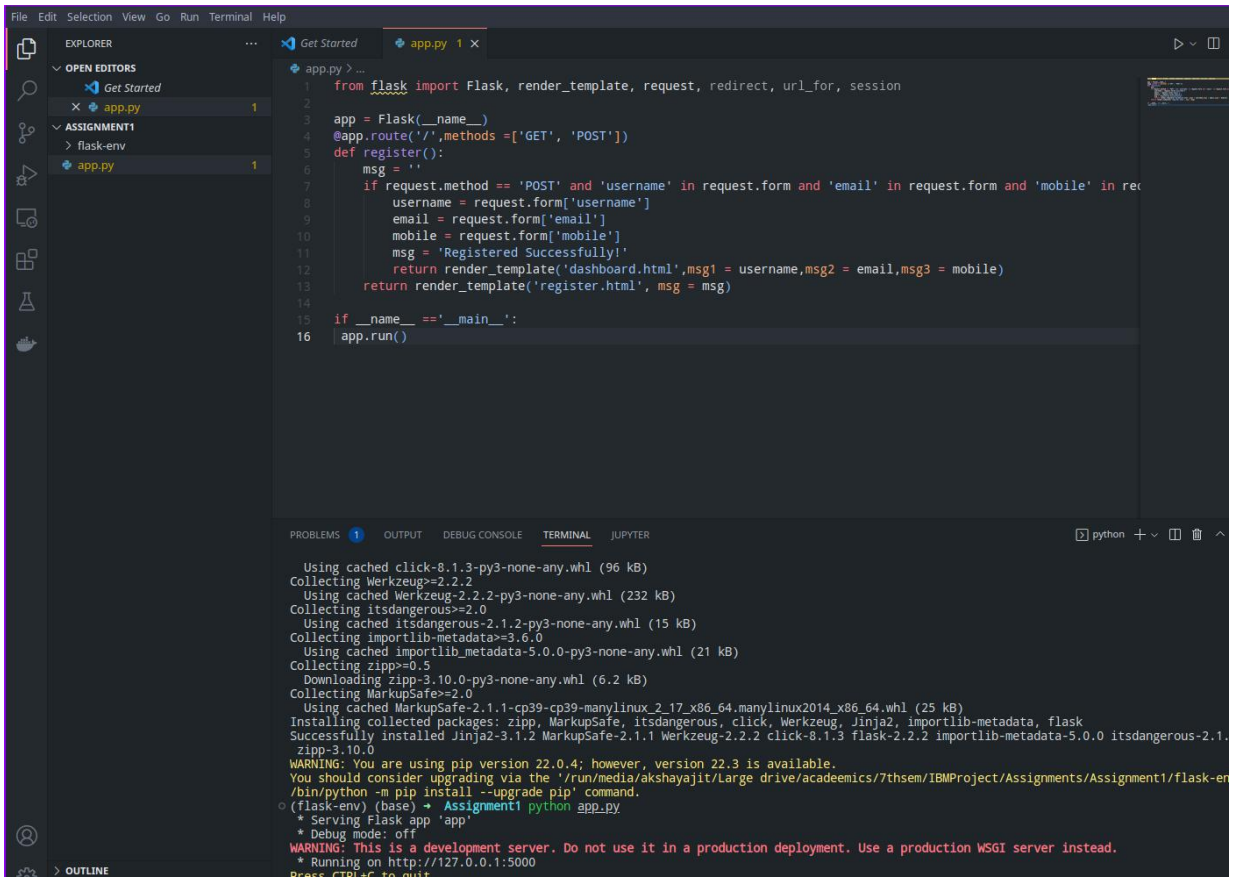
pypi.org

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

app = Flask(__name__)
@app.route('/',methods =['GET', 'POST'])
def register():
msg = ''
if request.method == 'POST' and 'username' in request.form and 'email'
in request.form and 'mobile' in request.form:
username = request.form['username']
email = request.form['email']
mobile = request.form['mobile']
msg = 'Registered Successfully!'
return render_template('dashboard.html',msg1 = username,msg2 =
email,msg3 = mobile)
return render_template('register.html', msg = msg)
```

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

Output:


File Edit Selection View Go Run Terminal Help
EXPLORER
OPEN EDITORS
Get Started
app.py 1
ASSIGNMENT1
flask-env
app.py 1
OUTLINE
Get Started
app.py 1
app.py > ...
from flask import Flask, render_template, request, redirect, url_for, session
app = Flask(__name__)
@app.route('/',methods =['GET', 'POST'])
def register():
msg = ''
if request.method == 'POST' and 'username' in request.form and 'email' in request.form and 'mobile' in re
username = request.form['username']
email = request.form['email']
mobile = request.form['mobile']
msg = 'Registered Successfully!'
return render_template('dashboard.html',msg1 = username,msg2 = email,msg3 = mobile)
return render_template('register.html', msg = msg)
if __name__ =='__main__':
app.run()
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
python
Using cached click-8.1.3-py3-none-any.whl (96 kB)
Collecting Werkzeug>=2.2.2
Using cached Werkzeug-2.2.2-py3-none-any.whl (232 kB)
Collecting itsdangerous>=2.0
Using cached itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting importlib-metadata>=3.6.0
Using cached importlib_metadata-5.0.0-py3-none-any.whl (21 kB)
Collecting zipp>=0.5
Downloading zipp-3.10.0-py3-none-any.whl (6.2 kB)
Collecting MarkupSafe>=2.0
Using cached MarkupSafe-2.1.1-cp39-cp39-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (25 kB)
Installing collected packages: zipp, MarkupSafe, itsdangerous, click, Werkzeug, Jinja2, importlib-metadata, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 flask-2.2.2 importlib-metadata-5.0.0 itsdangerous-2.1.
zipp-3.10.0
WARNING: You are using pip version 22.0.4; however, version 22.3 is available.
You should consider upgrading via the '/run/media/akshayajit/Large drive/acadeemics/7thsem/IBMProject/Assignments/Assignment1/flask-en
/bin/python -m pip install --upgrade pip' command.
(flask-env) (base) ➜ Assignment1 python app.py
* Serving Flask app 'app'
* Debug mode: off
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