**Assignment -1**
Python
Programming

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|---|---|
| Assignment Date | 19 September 2022 |
| Student Name | Akshay Ajit |
| Student Roll Number | 2019115013 |
| 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**

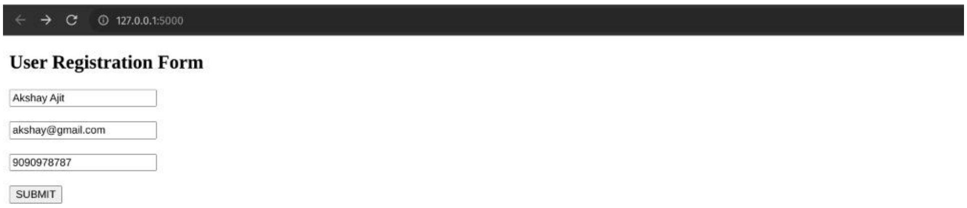
```
<!DOCTYPE HTML>

<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:**

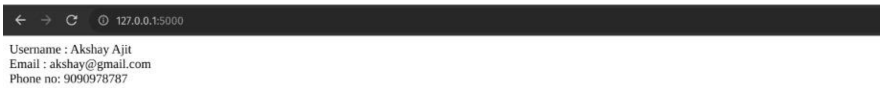


User Registration Form

Akshay Ajit

akshay@gmail.com

9090978787



```
Username : Akshay Ajit
Email : akshay@gmail.com
Phone no: 9090978787
```

**Question 2:**

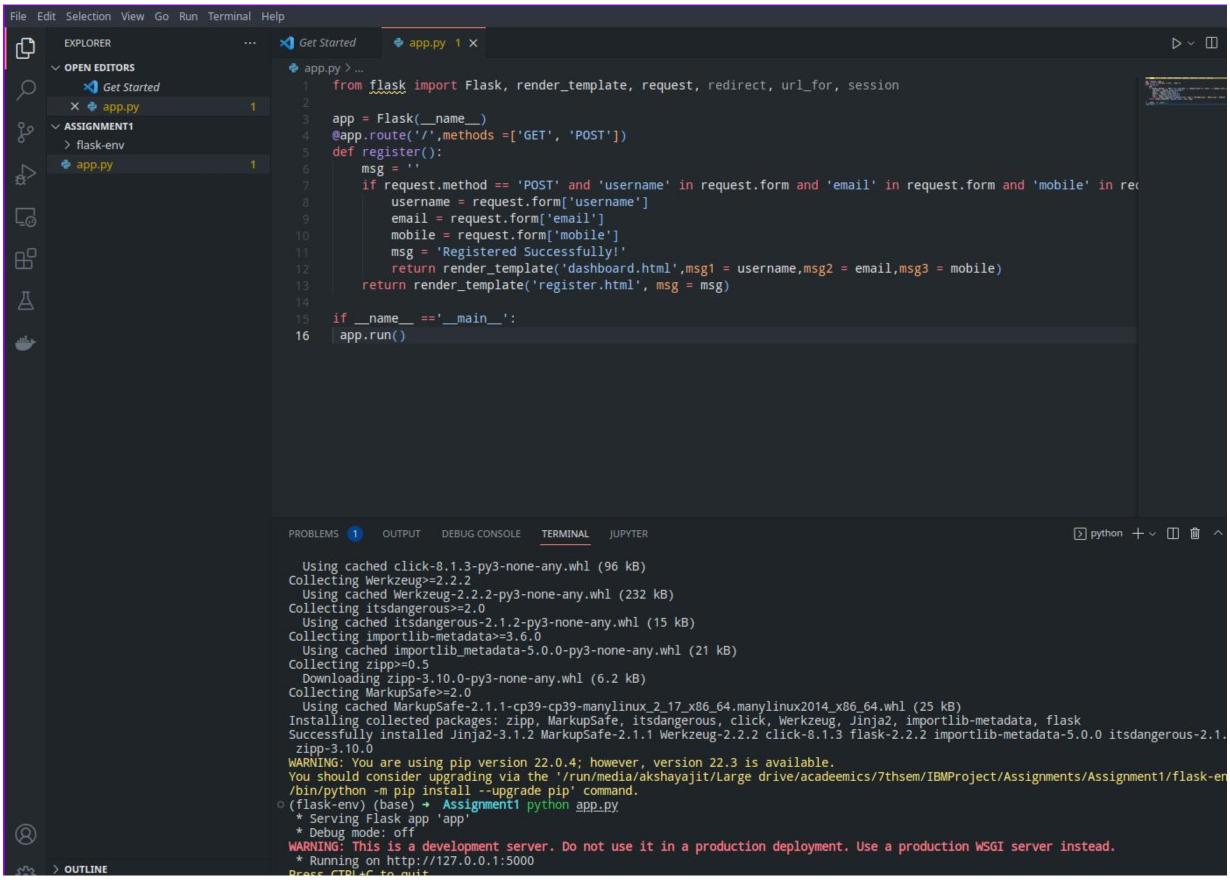
Develop a flask program which should contain at least 5 packages used from

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:**



```python
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 rec
        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()
```

```
  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
```