Assignment -1

Python Programming

Assignment Date	23 October 2022
Student Name	Srinidhi S
Student Roll Number	2019115105
Maximum Marks	2 Marks

Question-1:

Create registration page in html with username, email and phone number and by using POST method 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>
```

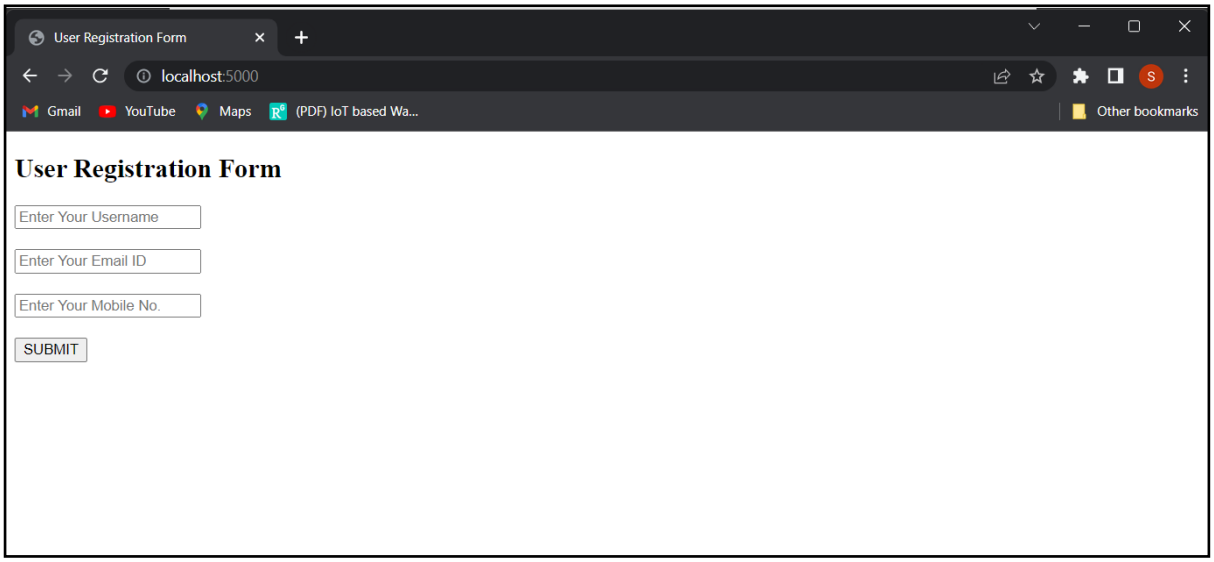
dashboard.html

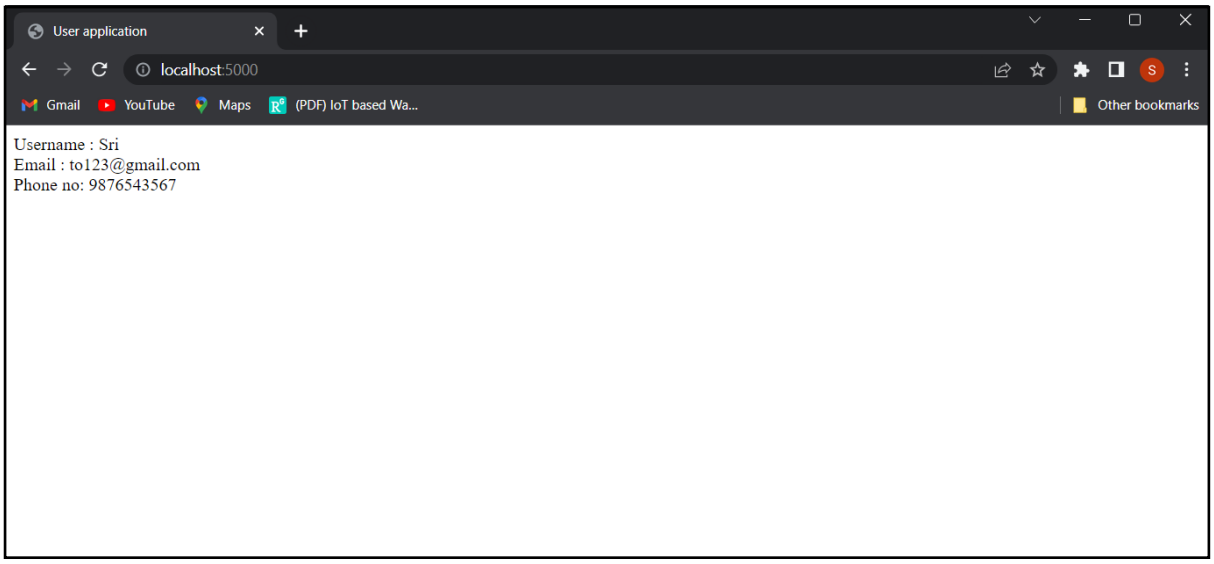
```
<!DOCTYPE HTML>
<html>
	<head>
		<title>User application</title>
	</head>
	<body>
		<div class="msg1">Username : {{ msg1 }}</div>
		<div class="msg2">Email : {{ msg2 }}</div>
		<div class="msg3">Phone no: {{ msg3 }}</div>
	</BODY>
</HTML>
```

app.py

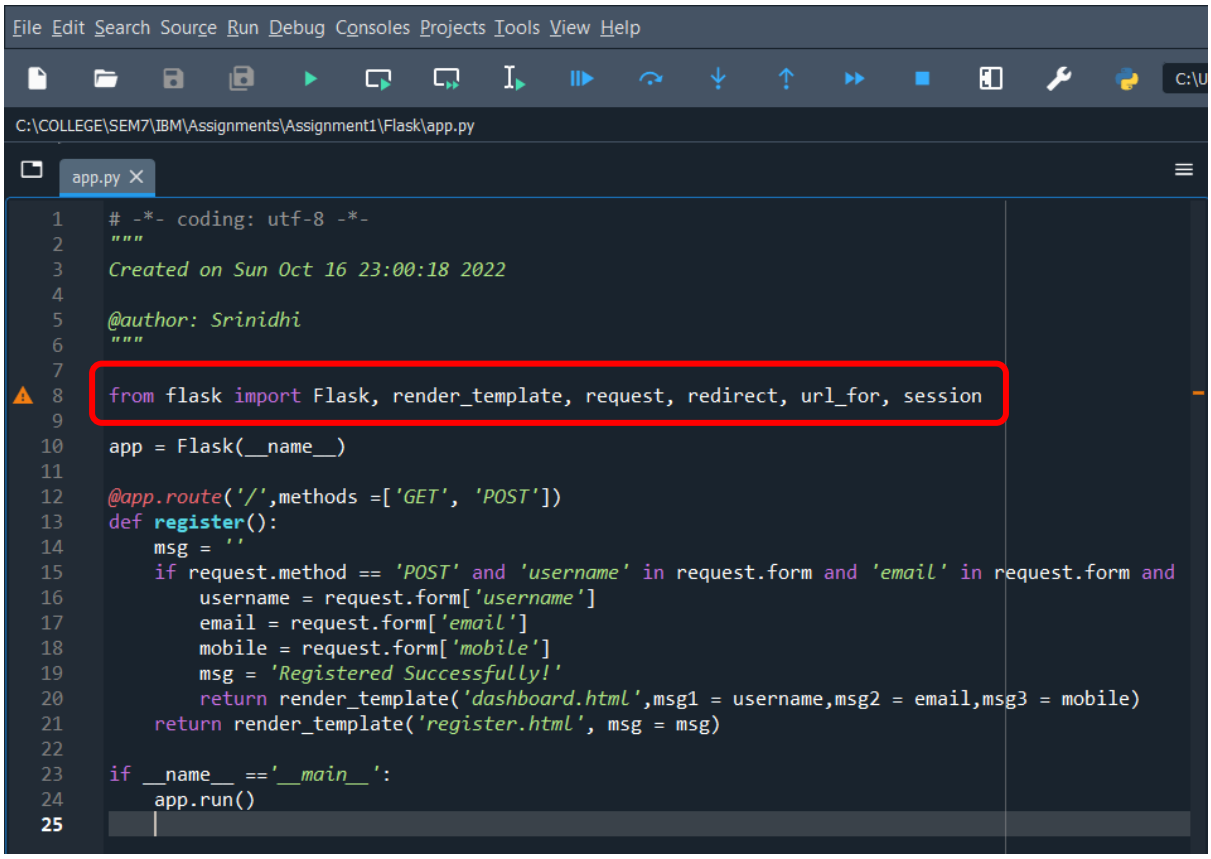
```
# -*- coding: utf-8 -*-
"""
Created on Sun Oct 16 23:00:18 2022
@author: Srinidhi
"""

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()
```





Question-2:

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

Solution 2: