

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']
```

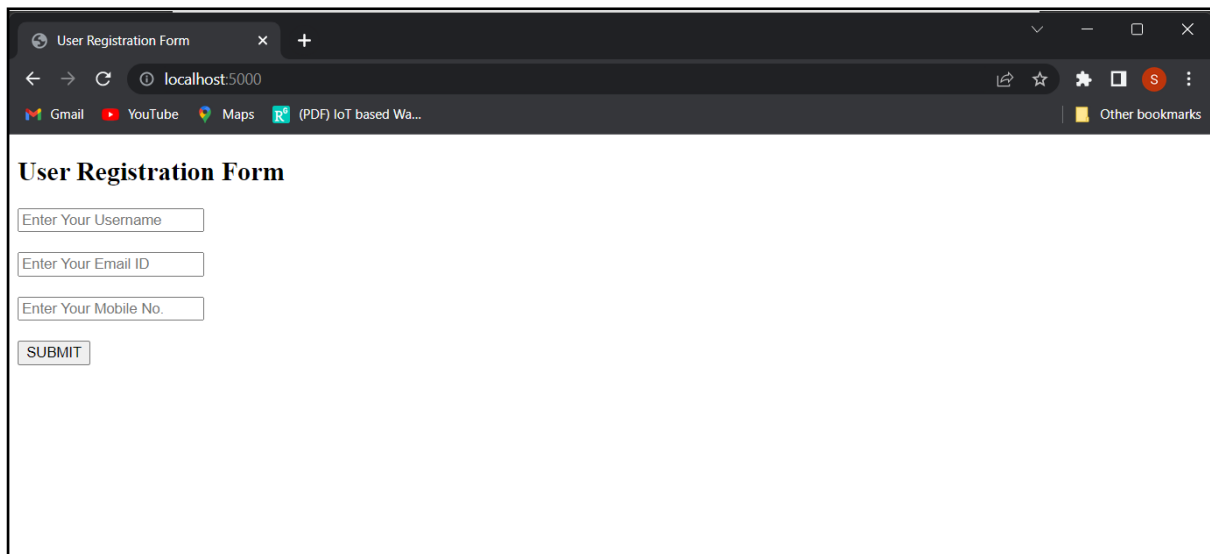
```
msg = 'Registered Successfully!'
```

```
return render_template('dashboard.html',msg1 = username,msg2 = email,msg3 = mobile)
```

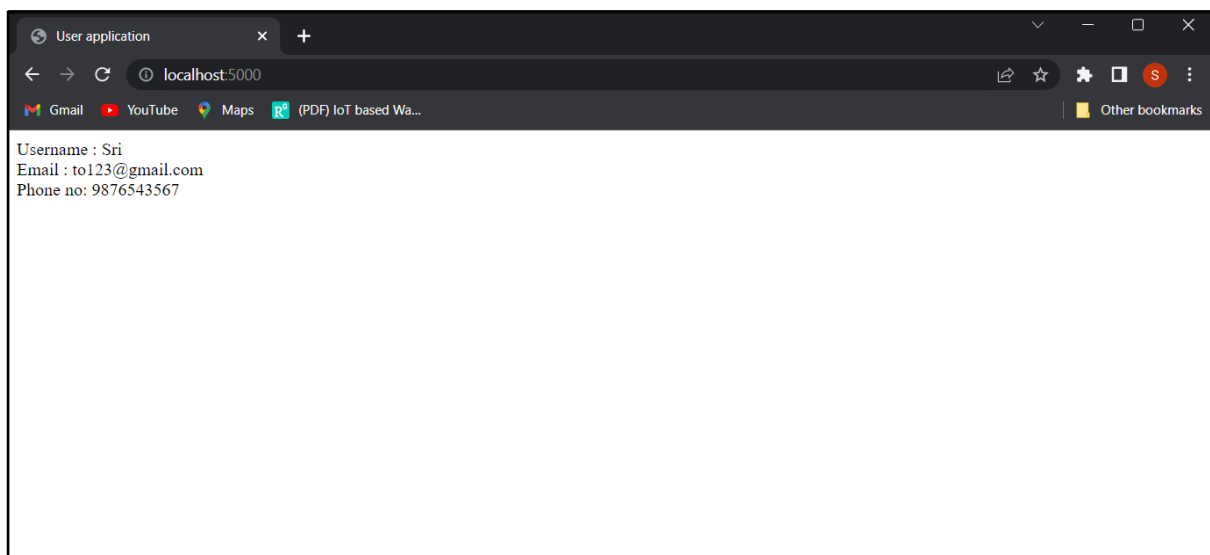
```
return render_template('register.html', msg = msg)
```

```
if __name__ == '__main__':
```

```
    app.run()
```



The screenshot shows a web browser window with the title 'User Registration Form'. The address bar displays 'localhost:5000'. The page content includes a form with three text input fields labeled 'Enter Your Username', 'Enter Your Email ID', and 'Enter Your Mobile No.'. Below these fields is a 'SUBMIT' button. The browser's bookmark bar shows links to Gmail, YouTube, Maps, and a PDF document.

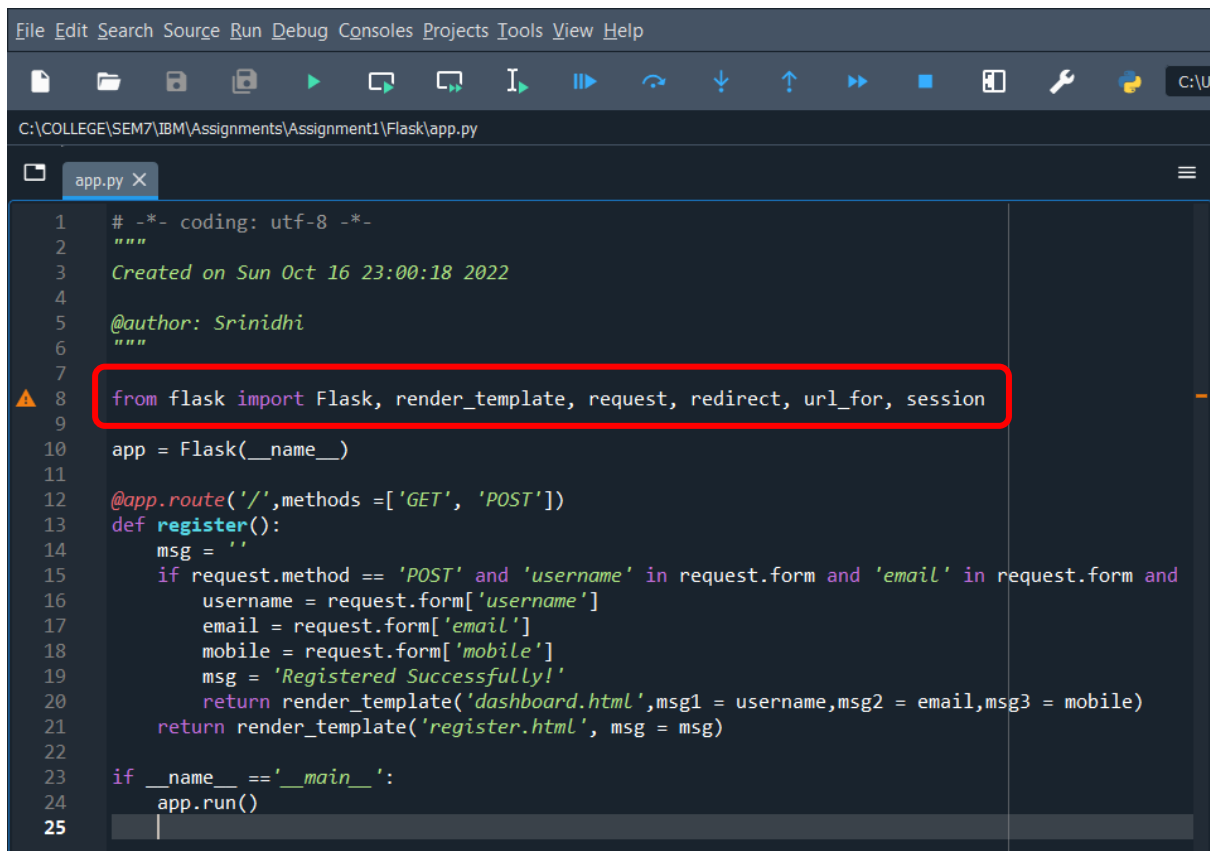


The screenshot shows the same web browser window after a successful registration. The page content now displays the registered user information: 'Username : Sri', 'Email : to123@gmail.com', and 'Phone no: 9876543567'. The browser's bookmark bar remains the same.

Question-2:

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

Solution 2:



```
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\COLLEGE\SEM7\IBM\Assignments\Assignment1\Flask\app.py
app.py X
1  # -*- coding: utf-8 -*-
2  """
3  Created on Sun Oct 16 23:00:18 2022
4
5  @author: Srinidhi
6  """
7
8  from flask import Flask, render_template, request, redirect, url_for, session
9
10 app = Flask(__name__)
11
12 @app.route('/', methods = ['GET', 'POST'])
13 def register():
14     msg = ''
15     if request.method == 'POST' and 'username' in request.form and 'email' in request.form and
16         username = request.form['username']
17         email = request.form['email']
18         mobile = request.form['mobile']
19         msg = 'Registered Successfully!'
20         return render_template('dashboard.html', msg1 = username, msg2 = email, msg3 = mobile)
21     return render_template('register.html', msg = msg)
22
23 if __name__ == '__main__':
24     app.run()
25
```