

**Assignment -1**  
Python Programming

Assignment Date	19 September 2022
Student Name	Monashree K
Student Roll Number	2019115055
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: Monashree

```
''''''
```

```
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']
```

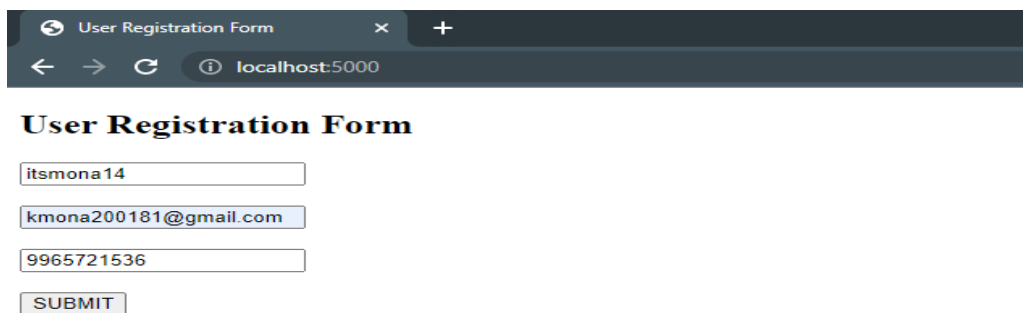
```
    msg = 'Registered Successfully!'
```

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

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

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

```
    app.run()
```




**User Registration Form**

itsmona14

kmona200181@gmail.com

9965721536

SUBMIT

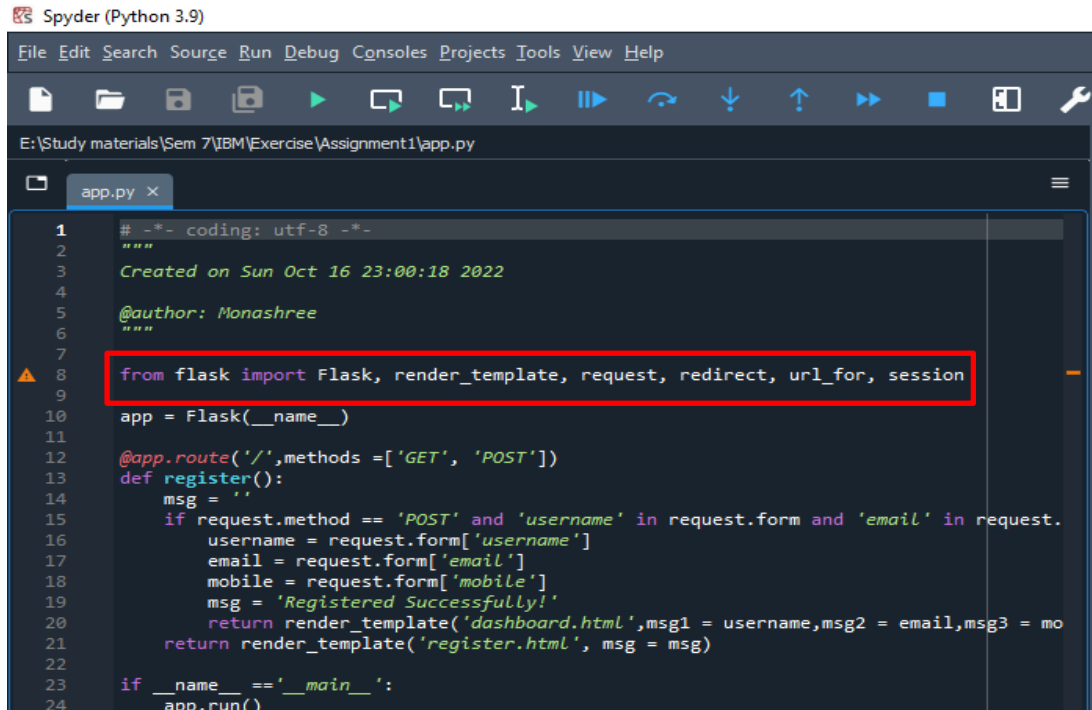


Username : itsmona14  
Email : kmona200181@gmail.com  
Phone no: 9965721536

## Question 2:

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

Solution 2:



```
1  # -*- coding: utf-8 -*-
2  """
3  Created on Sun Oct 16 23:00:18 2022
4
5  @author: Monashree
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.
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 = mo
21     return render_template('register.html', msg = msg)
22
23 if __name__ == '__main__':
24     app.run()
```