

**Assignment 1**  
**Python Programming**

Assignment Date	19 September 2022
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Student Roll	2019115110
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

```
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']

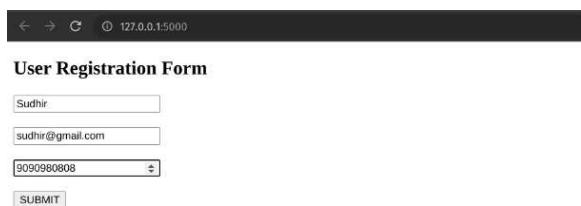
        msg = 'Registered Successfully!'

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

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

if __name__ == '__main__':

    app.run()
```



← → 127.0.0.1:5000

### User Registration Form



← → 127.0.0.1:5000

Username : Sudhir  
Email : sudhir@gmail.com  
Phone no: 9090980808

## Question 2:

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

## Solution 2:

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