ASSIGNMENT- 1

Assignment Date	26 September 2022
Student Name	Mr. Santhosh.S
Student Roll Number	311519104051
Maximum Marks	2 Marks

1) CREATE REGISTRATION PAGE IN HTML WITH USERNAME, EMAIL AND PHONE NUMBER AND BY USING POST METHOD DISPLAY IT IN NEXT HTML PAGE.

AND

2) DEVELOP A FLASK PROGRAM WHICH SHOULD CONTAIN ATLEAST 5 PACKAGES USED FROM PYPI.ORG

PROGRAM:

Html file :

```html
<!DOCTYPE html>
<html>
  <head>

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <style>
      body{
        font-family: Calibri, Helvetica, sans-serif;
        background-color:white;
      }
      .container {
        display: flex;
        flex-direction: column;
        height:100%;
        width:100%;
        align-items: center;
        justify-contents: center;
      }
      input[type=text], input[type=password], textarea {
        width: 400px;
        padding: 15px;
        margin: 5px 0 22px 0;
```

```
          display: inline-block;
          border: none;
        }
        input[type=text]:focus, input[type=password]:focus {
          border: solid black 2px;
        }
        div {
          padding: 10px 0;
        }
        hr {
          border: 1px solid #f1f1f1;
          margin-bottom: 25px;
        }
        .registerbtn {
          background-color: #5B2C6F;
          color: white;
          padding: 16px 20px;
          margin: 8px 0;
          border: none;
          cursor: pointer;
          width: 400px;
          opacity: 0.9;
        }
        .registerbtn:hover {
          opacity: 1;
        }
    </style>
  </head>
  <body>
    <form action="http://localhost:5000/login" method="POST">
      <div class="container">
        <h1>Plasma Donor Registration Form</h1>
        <label> <b>Name</b> </label>
        <input type="text" name="name" placeholder= "name"
size="15" required />
        <label for="email"><b>Email</b></label>
        <input type="text" placeholder="Enter Email"
name="email" required>
        <label><b>Phone :</b></label>
        <input type="text" name="phone" placeholder="phone"
size="10"/required>
        <button type="submit"
class="registerbtn">Register</button>
      </div>
    </form>
  </body>
</html>
```

Python file:

```python
from flask import Flask,redirect,url_for,render_template,request

app=Flask(__name__)

@app.route('/success/<name>/<email>/<phone>')

def success(name,email,phone):

    return "Welcome " + name + "<br>Your Email: " +email+"<br>Your Phone: " + phone

@app.route('/login',methods=["POST","GET"])

def login():

    if request.method=="POST":

        user=request.form["name"]

        mail=request.form["email"]

        pho=request.form["phone"]

        return redirect(url_for('success',name=user,email = mail,phone =pho))

if __name__=='__main__':

    app.run(debug=True)
```

OUTPUT:

Plasma Donor Registration Form

Name

Santhosh

Email

sandy123@gmail.com

Phone :

895623784512

Register

localhost:5000/success/Santhosh/sandy123%40gmail.com/895623784512

Welcome Santhosh
Your Email: sandy123@gmail.com
Your Phone: 895623784512

2) The packages used are:

- Flask
- Redirect
- url_for
- render_template
- request