

ASSIGNMENT- 1

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|---------------------|-------------------|
| Assignment Date | 26 September 2022 |
| Student Name | Mr. Daniel.A |
| Student Roll Number | 311519104011 |
| 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 :

```
<!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-content: 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:

```
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:

The image shows two screenshots of a web browser. The top screenshot displays a registration form titled "Plasma Donor Registration Form". The form has three input fields: "Name" with the value "Daniel", "Email" with the value "danielkency@gmail.com", and "Phone :" with the value "86954623". Below these fields is a purple button labeled "Register". The bottom screenshot shows the result of a successful registration. The browser address bar shows the URL "localhost:5000/success/Daniel/danielkency%40gmail.com/86954623". The page content displays the following text: "Welcome Daniel", "Your Email: danielkency@gmail.com", and "Your Phone: 86954623".

2) The packages used are:

- Flask
- Redirect
- url_for
- render_template
- request