

Assignment -1
Python Programming

Assignment Date	19 September 2022
Student Name	GOPI S
Student Roll Number	622119105023
Maximum Marks	2 Marks

Question-1:-

1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.

Question-2:

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

Note:- Following application contains (Flask , render_template ,url_for, redirect, request)

So both Questions have same Answers

Source Code:

app.py

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

app = Flask(__name__)

@app.route('/')
def index():
    return render_template("registrationpage.html")
@app.route('/success/<name>/<phone>/<email>')
def success(name=None,phone=None,email=None):
    return " <h1>Registered Successfully</h1><h2>Your Details Are:-</h2> {}
<br>{} <br> {}".format(name , phone ,email)
    # '{} {} {}'.format(firstname, lastname, cellphone)
@app.route("/login",methods =['POST','GET'])
def login():
    if request.method == 'POST':

        user = request.form['name']
        email = request.form['email']
        phone = request.form['phone']
        return redirect(url_for("success", name = user ,phone = phone ,email =
email ))
        # name = user ,phone = phone ,email = email
```

```

else:
    user = request.args.get("input_name")
    return redirect(url_for("success",name=user))

if __name__ == '__main__':
    app.run(debug=True)

```

index.html

```

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="/static/style.css">
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
crossorigin="anonymous">
    <title>Registration page </title>
</head>

<body>

    <form method="post" action="login">
        <h1>REGISTRATION PAGE 🤖</h1>
        <div class="mb-3">
            <label for="name" class="form-label">Username</label>
            <input type="text" class="form-control" id="name " name="name"
placeholder="NAME">
        </div>

        <div class="mb-3">
            <label for="exampleInputEmail1" class="form-label">Email
address</label>
            <input type="email" class="form-control" name="email"
id="exampleInputEmail1" placeholder="EMAIL">
        </div>

        <div class="mb-3">
            <label for="phone" class="form-label">phone number</label>
            <input type="text" class="form-control" name="phone" id="phone"
placeholder="PHONE NUMEBER">
        </div>
    </form>

```

```
        <button type="submit" style="background-color: red;" class="btn btn-
primary">Submit</button>
    </form>

</body>

</html>
```

Style.css

```
body{
    background-color: lightpink !important;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
}
form{
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    background-color:purple;
    width: 40%;
    height: 400px;
    border-radius: 50px;
    margin: 100px;

}
h2{
    font-size: large;
    font-weight:bolder;
}

input{
    width: 100% !important;
}

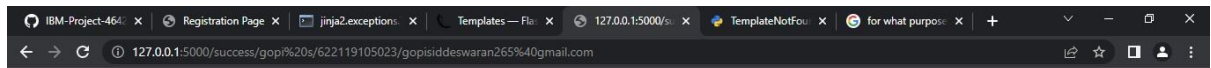
div{
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: column;
    width: 90%;
}
```

Output:-

Index Page:-

The screenshot shows a web browser window with multiple tabs. The active tab is titled "Registration Page". The address bar shows the URL "127.0.0.1:5000". The main content area has a light pink background. In the center, there is a purple rounded rectangle containing the text "REGISTRATION PAGE" with a yellow smiley face emoji. Below this, there are three input fields with labels: "Username" (containing "gopi s"), "Email address" (containing "gopisiddeswaran265@gmail.com"), and "phone number" (containing "622119105023"). At the bottom of the purple rectangle is a red "Submit" button.

Login successful page



Registered Successfully

Your Details Are:-

gopi s
622119105023
gopisiddeswaran265@gmail.com
