

Assignment -1
Python Programming

Assignment Date	23 November 2022
Student Name	SARUTHY P
Student Roll Number	813019104030
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:

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

app = Flask(__name__)

@app.route('/')
def index():
    return render_template("index.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 ))
```

```

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

if_name_=='_main_':
    app.run(debug=True)

```

index.html

```

<!DOCTYPEhtml>
<htmlLang="en">

<head>
    <metacharset="UTF-8">
    <metahttp-equiv="X-UA-Compatible"content="IE=edge">
    <metaname="viewport"content="width=device-width, initial-scale=1.0">
    <linkrel="stylesheet"href="/static/style.css">

    <linkrel="stylesheet"href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.2.0/dist/c
ss/bootstrap.min.css"
        integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"crossorigin="
anonymous">
    <title>Registration page </title>
</head>

<body>

    <formmethod="post"action="login">
        <h1>REGISTRATION PAGE</h1>
        <divclass="mb-3">
            <labelfor="name"class="form-label">Enter the name</label>
            <inputtype="text"class="form-control" id="name
"name="name"placeholder="NAME">
        </div>

        <divclass="mb-3">
            <labelfor="exampleInputEmail1"class="form-label">Email
address</label>
            <inputtype="email"class="form-
control"name="email" id="exampleInputEmail1"placeholder="EMAIL">
        </div>

        <divclass="mb-3">
            <labelfor="phone"class="form-label">Enter the phone number</label>
            <inputtype="text"class="form-
control"name="phone" id="phone"placeholder="PHONE NUMEBER">
        </div>
        <buttontype="submit"class="btnbtn-primary">Submit</button>

```

```
    </form>

</body>

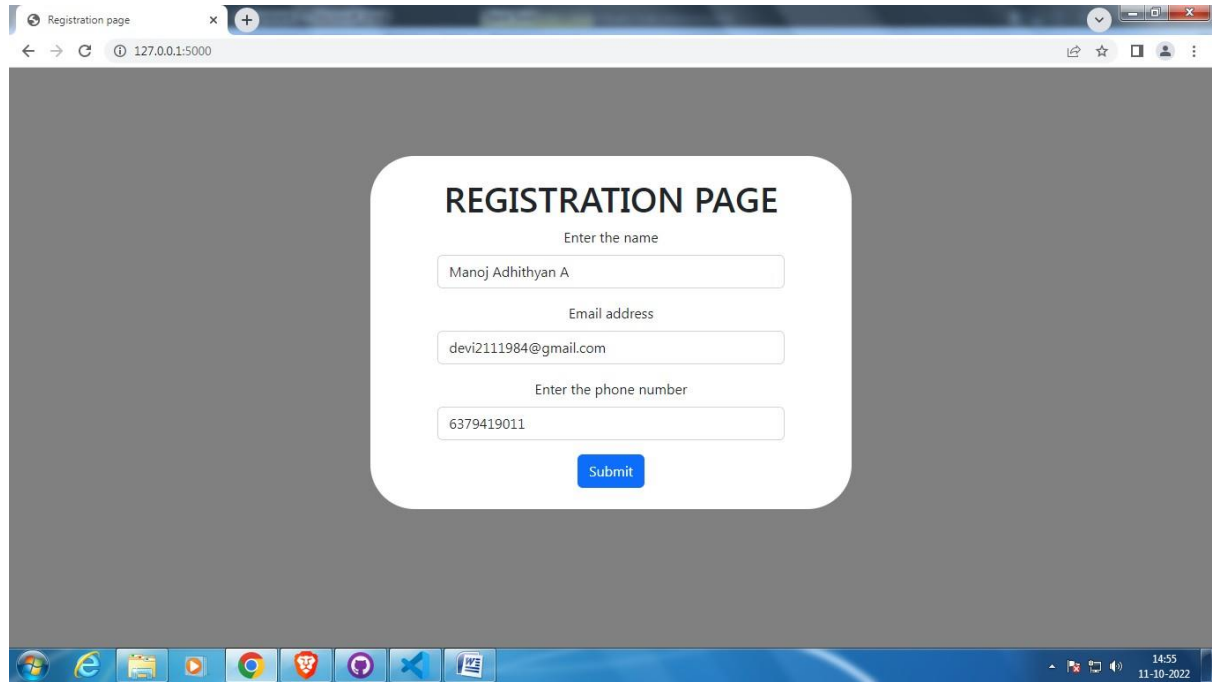
</html>
```

Style.css

```
body{
    background-color: aqua!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: #fff;
    width: 40%;
    height: 400px;
    border-radius: 50px;
    margin: 100px;
}
h2{
    font-size: large;
    font-weight: bolder;
}
input{
    width: 80%!important;
}
div{
    display: flex;
    align-items: center;
    justify-content: center;
    flex-direction: column;
    width: 90%;
}
```

Output:-

Index Page:-



Registration page

127.0.0.1:5000

REGISTRATION PAGE

Enter the name

Manoj Adhithyan A

Email address

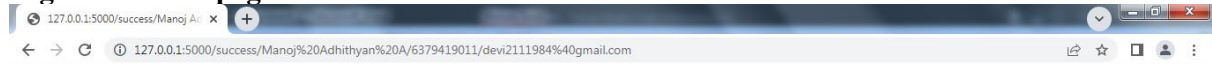
devi2111984@gmail.com

Enter the phone number

6379419011

Submit

Login successful page



127.0.0.1:5000/success/Manoj A%206379419011/devi2111984%40gmail.com

Registered Successfully

Your Details Are:-

Manoj Adhithyan A
6379419011
devi2111984@gmail.com

