Assignment -1

Student Name	VANATHI S
Student Roll Number	73771914187

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

```python
from tkinter.tix import Form
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")
        return redirect(url_for("success",name=user))


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

index.html

```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">Enter the name</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">Enter the phone number</label>
        <input type="text" class="form-control" name="phone" id="phone" placeholder="PHONE NUMEBER">
    </div>
    <button type="submit" class="btnbtn-primary">Submit</button>
    </form>

</body>

</html>
```
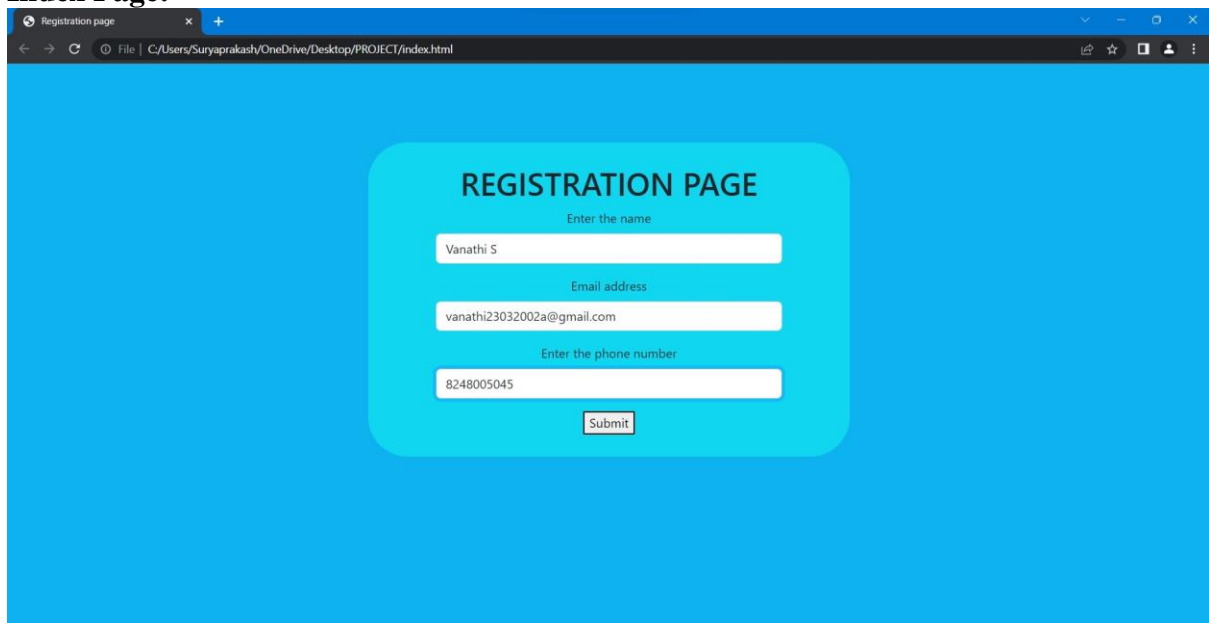
Style.css

```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:-

Login successful page