

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

```
fromkinter.tiximport Form
from flask importFlask ,render_template,url_for,redirect,request

app =Flask(__name__)

@app.route('/')
defindex():
    returnrender_template("index.html")
@app.route('/success/<name>/<phone>/<email>')
defsuccess(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'])
deflogin():
    ifrequest.method=='POST':

        user =request.form['name']
        email =request.form['email']
        phone =request.form['phone']
        returnredirect(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.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/vI1Bx" cross
origin="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="btn btn-primary">Submit</button>
  </form>

</body>

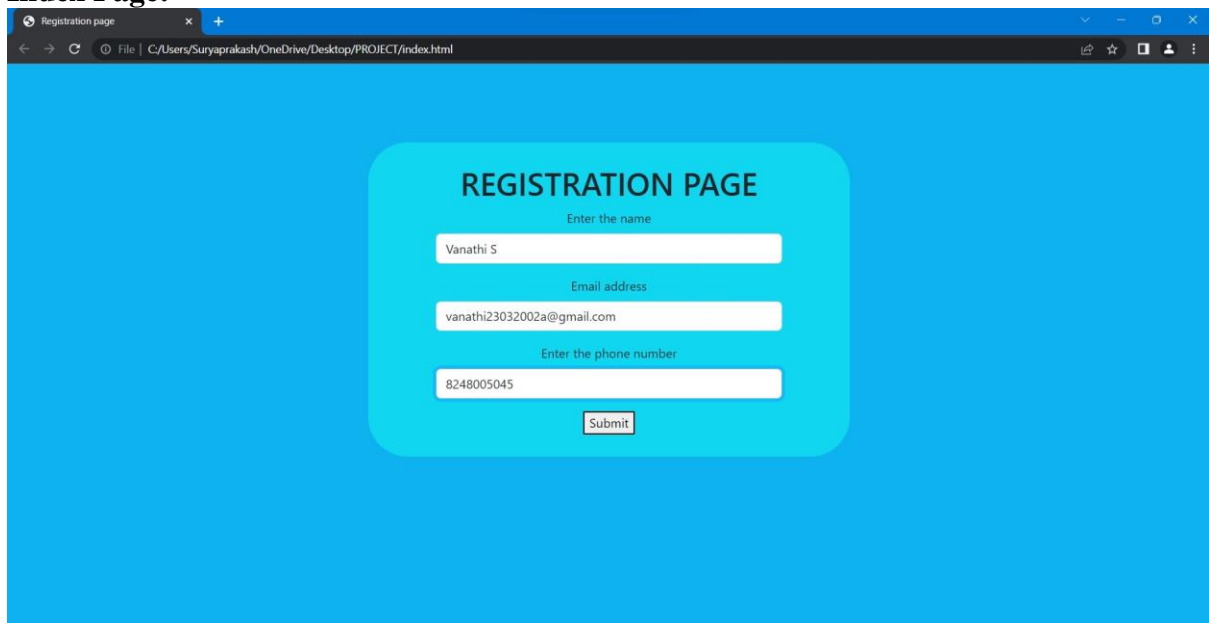
</html>
```

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:-



The screenshot shows a web browser window with a single tab titled 'Registration page'. The address bar displays the file path 'C:/Users/Suryaprakash/OneDrive/Desktop/PROJECT/index.html'. The main content area has a solid blue background. Centered on this background is a white rounded rectangle containing the registration form. The form is titled 'REGISTRATION PAGE' in bold black text. Below the title are three input fields with labels: 'Enter the name' (containing 'Vanathi S'), 'Email address' (containing 'vanathi23032002a@gmail.com'), and 'Enter the phone number' (containing '8248005045'). A 'Submit' button is located at the bottom right of the form.

Login successful page

Registered Successfully

Your Details Are:-

Vanathi S
8248005045
vanathi23032002a@gmail.com