

Assignment -1

Python Programming

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)

For the first and second question the answer is the same. For the second question we have used the package like Flask, render_template, url_for, redirect, request.

Source Code:

app.py

```
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 and style.css

```
<!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">-->
  <style>
    body{
      background-color: #FF2233 !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: 70%;
      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%;
    }

  </style>
  <!-- <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/vI1Bx"
crossorigin="anonymous">-->
  <title>Registration page </title>
```

```

</head>

<body>
<fieldset>
<legend>REGISTRATION PAGE</legend>

  <form method="post" action="login">
  <table>
  <tr>
    <div class="mb-3">

      <td> <label for="name" class="form-label">Enter the name</label></td>
      <td> <input type="text" class="form-control" id="name " name="name"
placeholder="NAME"></td>
    </div>
  </tr>
  <tr>
    <div class="mb-3">
      <td> <label for="exampleInputEmail1" class="form-label">Email address</label></td>
      <td> <input type="email" class="form-control" name="email" id="exampleInputEmail1"
placeholder="EMAIL"></td>
    </div>
  </tr>
  <tr>
    <div class="mb-3">
      <td> <label for="phone" class="form-label">Enter the phone number</label></td>
      <td> <input type="text" class="form-control" name="phone" id="phone"
placeholder="PHONE NUMEBER"></td>
    </div>
  </tr>
  <td><td> <button type="submit" class="btn btn-primary">Submit</button></td></tr>
  </table>
</form>
</fieldset>

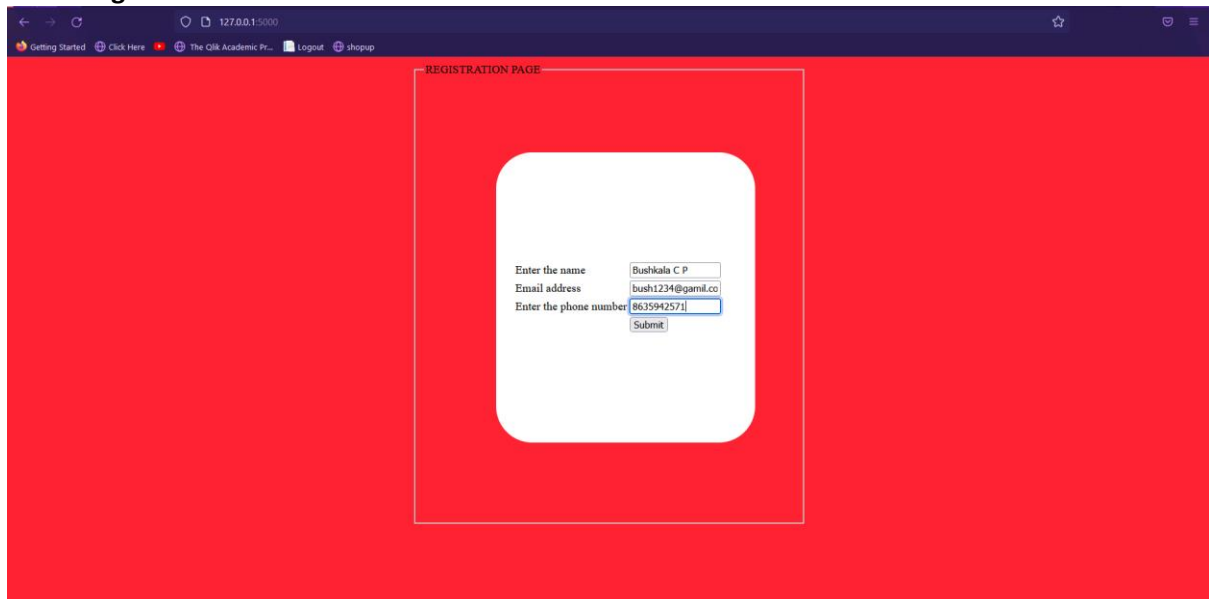
</body>

</html>

```

Output:-

Index Page:-



The screenshot shows a web browser window with a dark blue header bar containing navigation links: "Getting Started", "Click Here", "The Qlik Academic Pr...", "Logout", and "shopup". The main content area has a solid red background. A white rounded rectangle in the center contains the registration form, which is titled "REGISTRATION PAGE" in red text. The form includes three input fields: "Enter the name" with the value "Bushkala C P", "Email address" with the value "bush1234@gmail.co", and "Enter the phone number" with the value "8635942571". A "Submit" button is located at the bottom of the form.

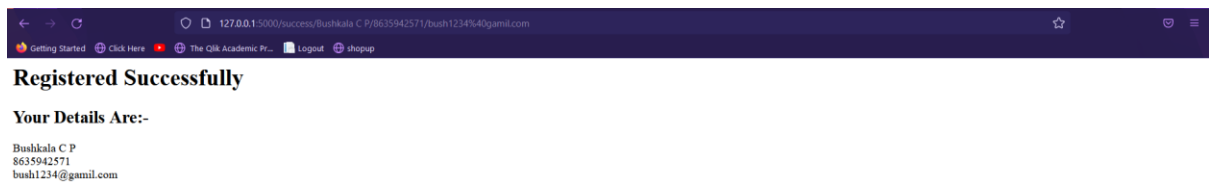
REGISTRATION PAGE

Enter the name

Email address

Enter the phone number

Login successful page



The screenshot shows a web browser window with a dark blue header bar containing navigation links: "Getting Started", "Click Here", "The Qlik Academic Pr...", "Logout", and "shopup". The main content area has a white background. The text "Registered Successfully" is displayed in a large, bold, black font. Below it, the text "Your Details Are:-" is displayed in a smaller, bold, black font. The user details are listed below: "Bushkala C P", "8635942571", and "bush1234@gmail.com".

Registered Successfully

Your Details Are:-

Bushkala C P
8635942571
bush1234@gmail.com