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

```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">-->
   <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/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
crossorigin="anonymous">-->
   <title>Registration page </title>
```

```html
</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>
```
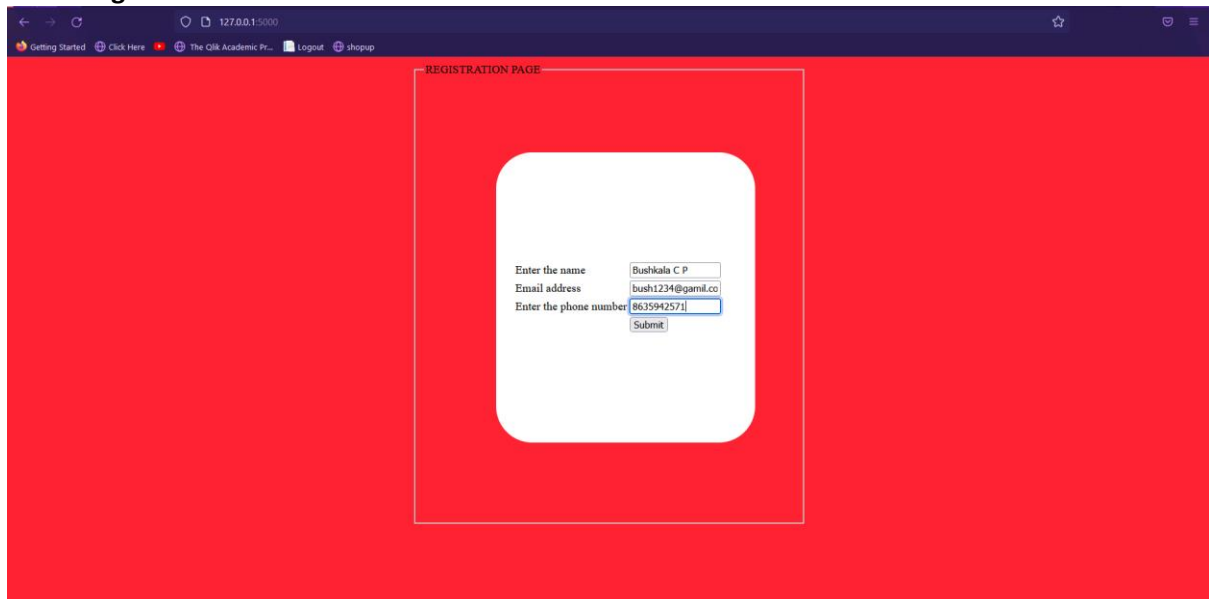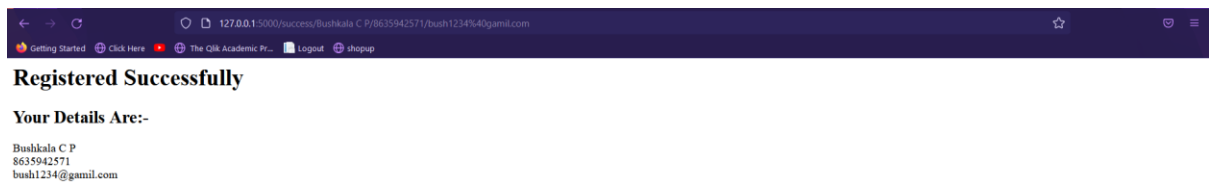
Output:-

Index Page:-

Login successful page