Assignment -1
Python Programming

Assignment Date	19 September 2022
Student Name	MUTHU KUMAR A
Student Roll Number	611819205015
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:

App.py
```
from flask import Flask, request, render_template, url_for,redirect
app = Flask(__name__)
@app.route('/success/<name>')
def success(name):
    return 'welcome %s' %name
@app.route('/login', methods =['GET', 'POST'])
def login():
    if request.method=="POST":
        first_name = request.form.get("username")
        email_id = request.form.get("email")
        phone_num = request.form.get("number")
        return "Your name is" +first_name + "Your email is" +email_id + "Your Phone number is" +phone_num
        return redirect(url_for('success',name = first_name))

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" />
    <title>Register</title>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
      crossorigin="anonymous"
    />
  </head>
  <body class="px-4 py-3">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Flask</a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNavAltMarkup"
        aria-controls="navbarNavAltMarkup"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
    </nav>
    <h3>Register</h3>
    <form action="http://localhost:5000/login" method="POST">
    <div class="form-group">
      <label for="exampleInputUserName">UserName</label>
      <input
        type="text"
        class="form-control"
        id="exampleInputUserName"
        placeholder="UserName"
        name="username"
      />
    </div>
      <div class="form-group">
        <label for="exampleInputEmail1">Email address</label>
        <input
          type="email"
```
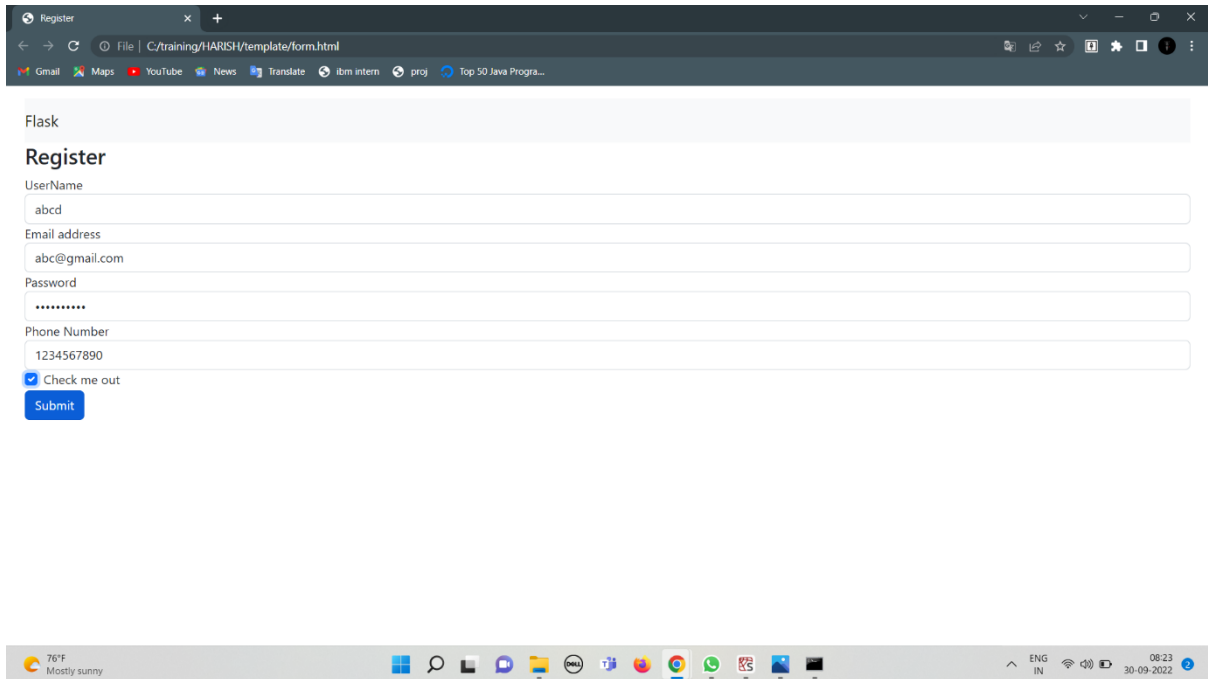
```html
        class="form-control"
        id="exampleInputEmail1"
        aria-describedby="emailHelp"
        placeholder="Enter email"
        name="email"
      />
    </div>
    <div class="form-group">
      <label for="exampleInputPassword1">Password</label>
      <input
        type="password"
        class="form-control"
        id="exampleInputPassword1"
        placeholder="Password"
        name="password"
      />
    </div>
    <div class="form-group">
      <label for="exampleInputPhoneNumber">Phone Number</label>
      <input
        type="number"
        class="form-control"
        id="exampleInputPhoneNumber"
        placeholder="Phone Number"
        name="number"
      />
    </div>

    <div class="form-check">
      <input type="checkbox" class="form-check-input" id="exampleCheck1" />
      <label class="form-check-label" for="exampleCheck1">Check me out</label>
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
  </form>
 </body>
</html>
```
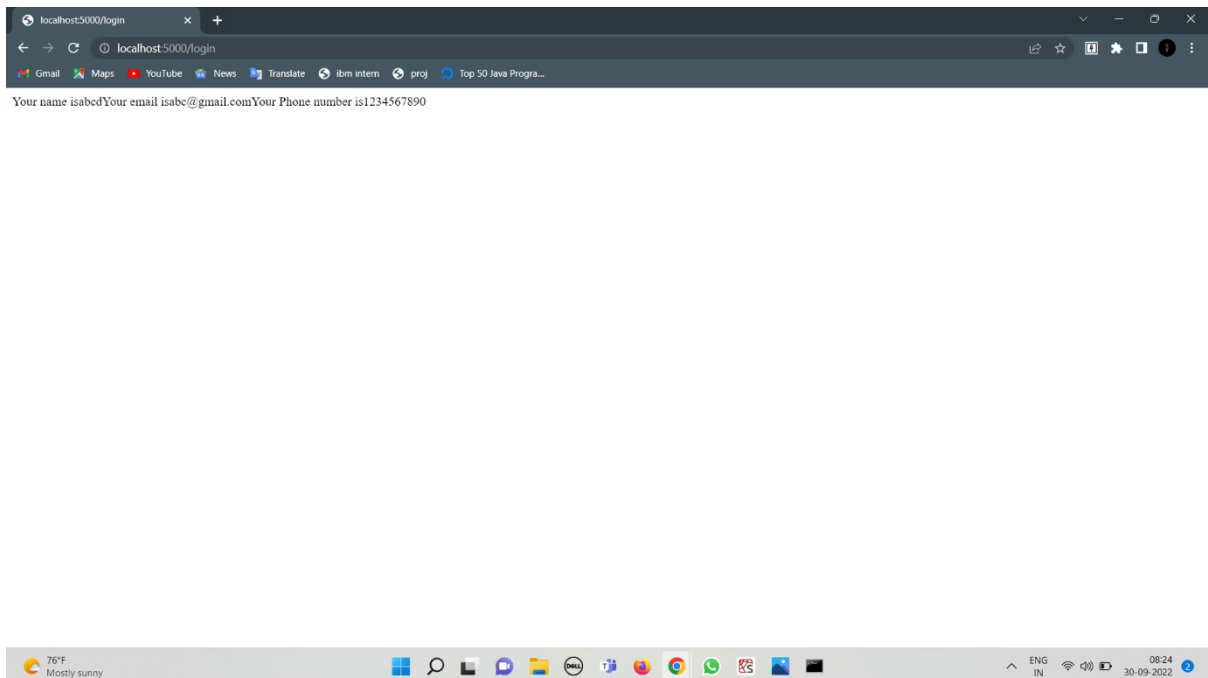
Output:-

Index Page:-

Login successful page