

ASSIGNMENT 1

TEAM ID	PNT2022TMID27400
PROJECT NAME	PERSONAL EXPENSE TRACKER APPLICATION
NAME	BANDI ALEX S
ROLL NO	311019205009

Question-1:

1. Create a registration page in html with username, email and phone number and by using POST method display it in the next html page.

Question-2:

1. Develop a flask program which should contain at least 5 packages used from pypi.org

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

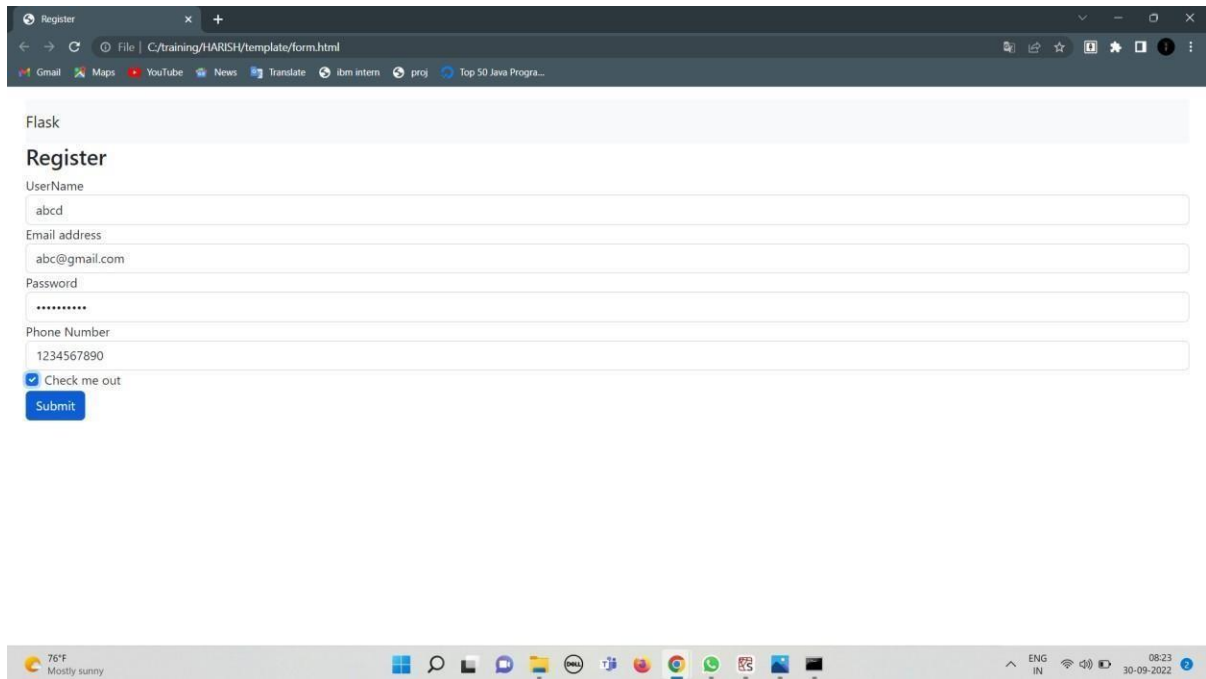
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Register</title>
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
    rel="stylesheet"
    integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZ
    B6+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="#navbarNavAltMarku
      p"
      aria-controls="navbarNavAltMark
      up" 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"
      "
```

```
        class="form-control"
        id="exampleInputEmail1"
        aria-describedby="emailHel
        p" placeholder="Enter
        email" name="email"
    />
</div>
<div class="form-group">
    <label for="exampleInputPassword1">Password</label>
    <input
        type="password"
        class="form-control
        "
        id="exampleInputPassword
        1" placeholder="Password"
        name="password"
    />
</div>
<div class="form-group">
    <label for="exampleInputPhoneNumber">Phone Number</label>
    <input
        type="number"
        class="form-control
        "
        id="exampleInputPhoneNumbe
        r" 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:-



The screenshot shows a web browser window with the title 'Register'. The address bar displays 'File | C:/training/HARISH/template/form.html'. The browser's tab bar shows several open tabs, including 'Gmail', 'Maps', 'YouTube', 'News', 'Translate', 'ibm intern', 'proj', and 'Top 50 Java Progra...'. The main content area of the browser displays a registration form. The form has a header 'Flask' and a title 'Register'. It contains several input fields: 'UserName' with the value 'abcd', 'Email address' with the value 'abc@gmail.com', 'Password' with masked characters '*****', and 'Phone Number' with the value '1234567890'. There is a checkbox labeled 'Check me out' which is checked, and a blue 'Submit' button at the bottom left of the form. The Windows taskbar at the bottom shows the system tray with a weather widget (76°F, Mostly sunny), a search icon, and various application icons. The system clock shows the date as 30-09-2022 and the time as 08:23.

Flask

Register

UserName
abcd

Email address
abc@gmail.com

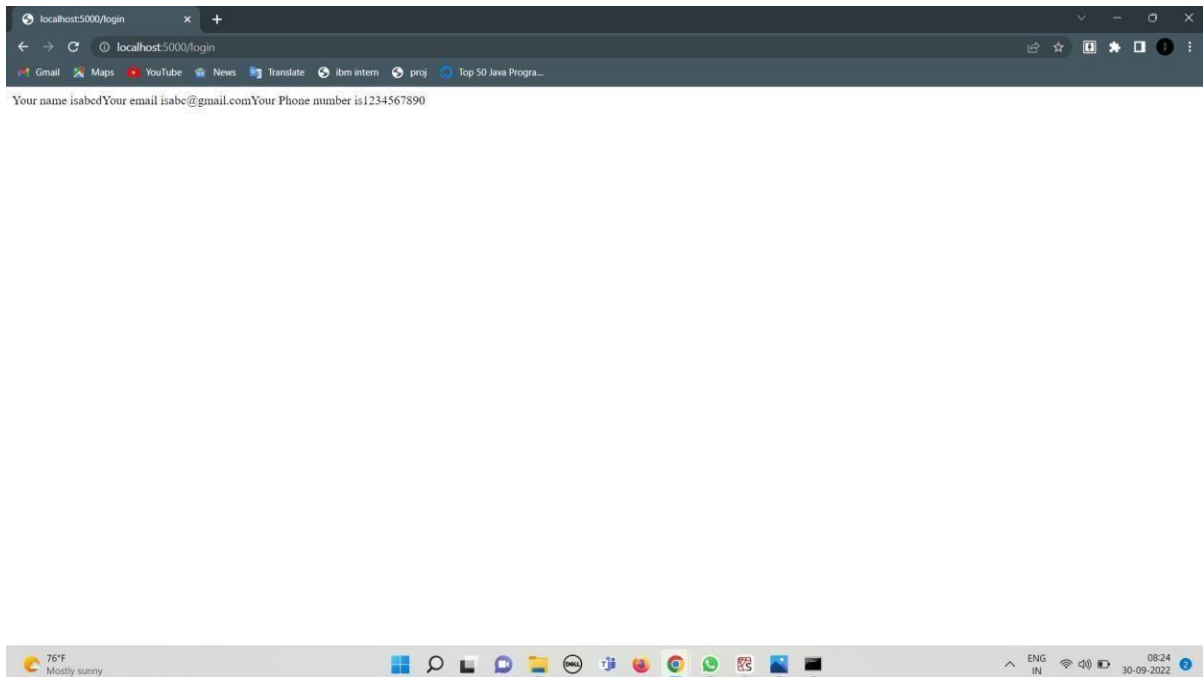
Password

Phone Number
1234567890

☒ Check me out

Submit

Login successful page



The screenshot shows a web browser window with the title 'localhost:5000/login'. The address bar displays 'localhost:5000/login'. The browser's tab bar shows several open tabs, including 'Gmail', 'Maps', 'YouTube', 'News', 'Translate', 'ibm intern', 'proj', and 'Top 50 Java Progra...'. The main content area of the browser displays a message: 'Your name is abcd Your email is abc@gmail.com Your Phone number is 1234567890'. The Windows taskbar at the bottom shows the system tray with a weather widget (76°F, Mostly sunny), a search icon, and various application icons. The system clock shows the date as 30-09-2022 and the time as 08:24.

Your name is abcd Your email is abc@gmail.com Your Phone number is 1234567890