

## Python Assignment-1

Date	26 September 2022
Team ID	PNT2022TMID28027
Project Name	Personal Expense Tracker Application
Maximum Marks	2 Marks

### **Question-1:**

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

### **Question-2:**

Develop a flask program which should I contain atleast 5 packages used from pypi.org.

Packages used:

1. render\_template
2. url\_for
3. redirect
4. request
5. Flask

### **Reg.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 rel="stylesheet" href="{{url_for('static', filename='style.css')}}">
</head>
<body>
<form action="/register" method="POST" autocomplete="off">
<div class="container">
```

```

<center><h1>Personal Expense Tracker Application</h1>
<p><b>Please fill in this form to create an account.</b></p></center>
<label class="form_label"for="email"><b>Username</b></label>
<br><br>
<input class="form_input"type="text" name="username"placeholder="Enter Username"
name="username" id="username" required>
<br><br>
<label class="form_label"for="email"><b>Email</b></label>
<br><br>
<input class="form_input"type="text" name="email"placeholder="Enter Email"
name="email" id="email" required>
<br><br>
<label class="form_label"for="psw-repeat"><b>Phone number</b></label>
<br><br>
<input class="form_input"type="number" name="phonenumber"placeholder="Enter Phone
number" name="psw-repeat" id="psw-repeat" required>
<br>
<center><button type="submit" class="submitbtn">Register</button></center>
</div>
</form>
</body>
</html>

```

### **Result.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>Display</title>
<link rel="stylesheet" href="{{url_for('static', filename='style.css')}}">
</head>

```

```

<body>
<center><h1>REGISTERED</h1>
<table id="output">
<tr>
<th>Username</th>
<td>{{username}}</td>
</tr>
<tr>
<th>Email Address</th>
<td>{{email}}</td>
</tr>
<tr>
<th>Phone number</th>
<td>{{phonenumber}}</td>
</tr>
</table></center>
<center><a href="/back"><button type="submit"
class="submitbtn">Back</button></a></center>
</body>
</html>

```

## **app.py**

```

from flask import Flask,render_template,request,redirect,url_for
app=Flask(__name__)
@app.route("/")
def home():
return render_template("Reg.html")
@app.route("/register",methods=["POST","GET"])
def register():
if request.method=="POST":
username=request.form.get('username')

```

```

email=request.form.get('email')

phonenumber=request.form.get('phonenumber')

return
render_template("Result.html",username=username,email=email,phonenumber=phonenumber)

@app.route("/back")

def back():

return redirect(url_for("Back"))

@app.route("/Back")

def Back():

return render_template("Reg.html")

if __name__ == '__main__':

app.run(debug=True)

```

## Output:

**Personal Expense Tracker Application**

Please fill in this form to create an account.

**Username**

Manjaarika

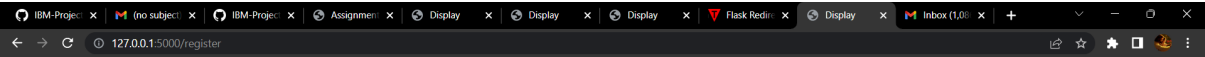
**Email**

manjaarika@gmail.com

**Phone number**

7485129630

**Register**



# REGISTERED

<b>Username</b>	Manjaarika
<b>Email Address</b>	manjaarika@gmail.com
<b>Phone number</b>	7485129630

Back



# Personal Expense Tracker Application

Please fill in this form to create an account.

**Username**

**Email**

**Phone number**

Register