

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>
<hr>
<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')

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

return
render_template("Result.html",username=username,email=email,phonenummer=phonenumbe
r)

@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

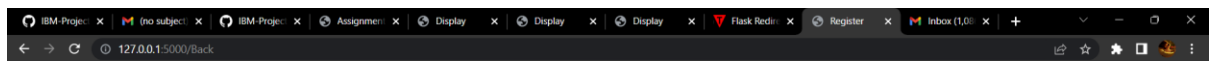
Please fill in this form to create an account.

Username

Email

Phone number

Register



Personal Expense Tracker Application

Please fill in this form to create an account.

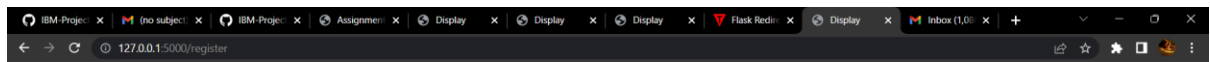
Username

Email

Phone number

Register





REGISTERED

Username	Rajashree
Email Address	rajashreesaravanakumar@gmail.com
Phone number	7485961230

[Back](#)