ASSIGNMENT-3

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>
```

```html
<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:

```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>
```

```html
<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

```python
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')
```

```python
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

varsha

Email

varshasubramani2001@gmail.com

Phone number

9685741230

Register

REGISTERED

Username	varsha
Email Address	varshasubramani2001@gmail.com
Phone number	9685741230

Back

Personal Expense Tracker Application

Please fill in this form to create an account.

Username

Enter Username

Email

Enter Email

Phone number

Enter Phone number

Register