

Python Assignment-1

Date	26 September 2022
Team ID	PNT2022TMID28022
Project Name	Inventory Management System For Retailers
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> Inventory Management System For Retailers </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:

Inventory Management System For Retailers

Please fill in this form to create an account.

Username

ilavarasi

Email

ilavarasi46@gmail.com

Phone number

9685123740

Register

REGISTERED

Username	ilavarasi
Email Address	ilavarasi46@gmail.com
Phone number	9685123740

Back

Inventory Management System For Retailers

Please fill in this form to create an account.

Username

Enter Username

Email

Enter Email

Phone number

Enter Phone number

Register