

## Assignment -1 Python Programming

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

### Question-1:

Create 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 contain at least 5 packages used from pypi.org

Note:- Following application contains (Flask , render\_template ,url\_for, redirect, request) So both Questions have same Answers

### 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**

```

<head>
<meta charset="UTF-8" />
<title>Register</title>
<link>
<meta charset="UTF-8" />
title>
<link
/>
</head>
<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="#navbarNavAltMarkup"
aria-controls="navbarNavAltMarkup"
aria-expanded="false"
    aria-label="Toggle navigation"

    <span class="navbar-toggler-icon"></span>

</button>

label for="exampleInputUserName">UserName</label>
<input
    type="email"

class="form-control"

```

```
id="exampleInputEmail1"
aria-describedby="emailHelp"
placeholder="Enter email"
name="email"
/>
</div>
<label for="exampleInputPassword1">Password</label>
<input

type="password"
class="form-control"
id="exampleInputPassword1"
placeholder="Password"
name="password"
/>
</div>
<label for="exampleInputPhoneNumber">Phone Number</label>
<input

type="number"
class="form-control"
id="exampleInputPhoneNumber"
placeholder="Phone Number"
name="number"
/>
</div>

<div class="form-check">

<input type="checkbox" class="form-check-input" id="exampleCheck1" />
</div>
</form>

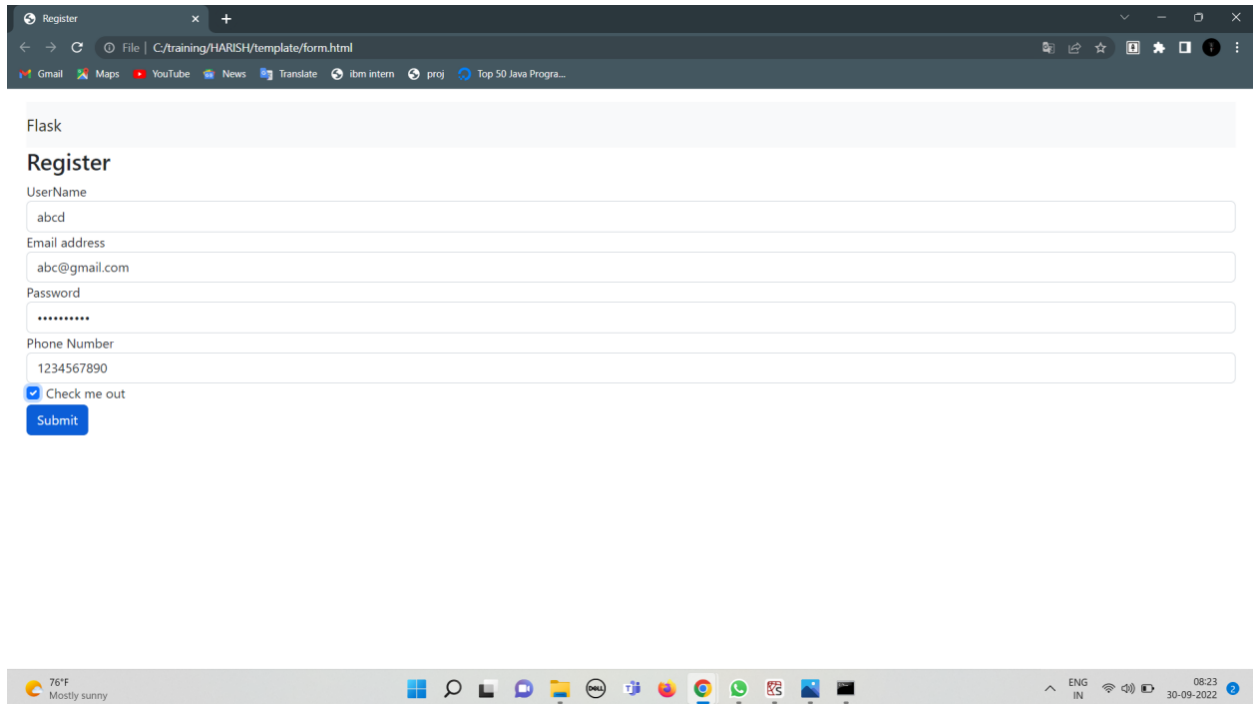
</body>
</html>
```

Output

Index Page :

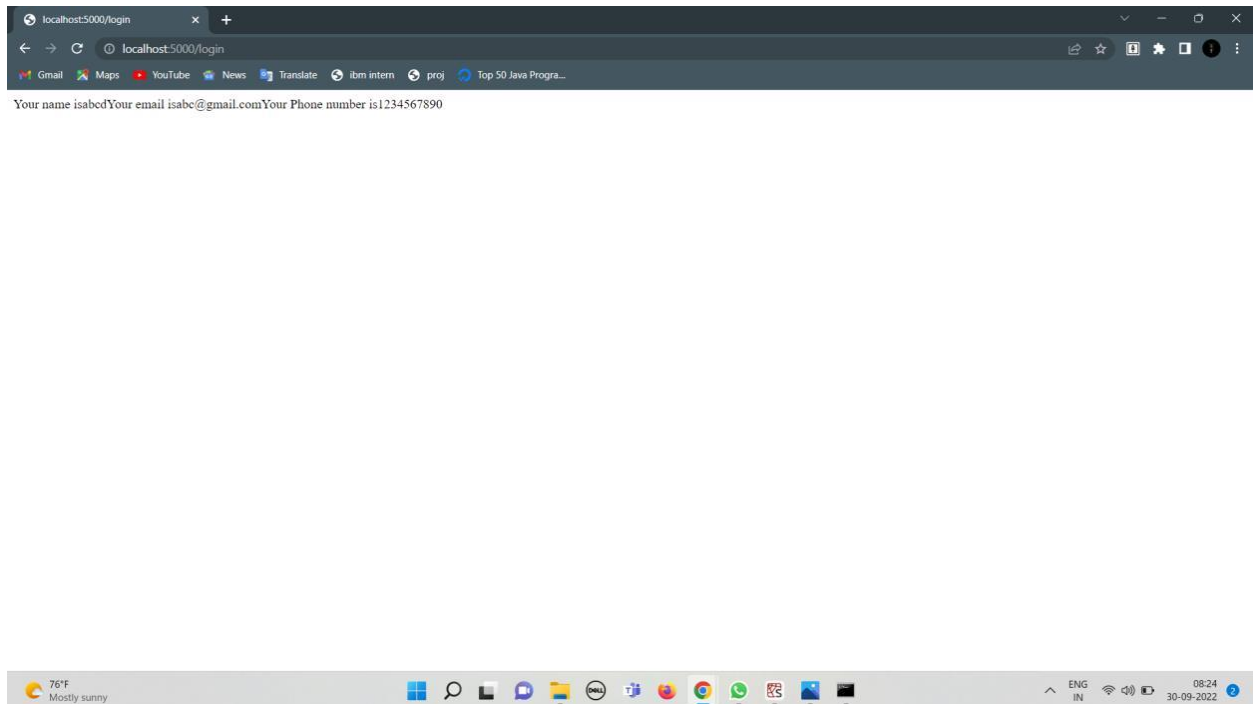
**Output :**

**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 page content includes a header 'Flask' and a main title 'Register'. Below the title, there are five input fields: 'UserName' (containing 'abcd'), 'Email address' (containing 'abc@gmail.com'), 'Password' (containing '\*\*\*\*\*'), and 'Phone Number' (containing '1234567890'). There is a checkbox labeled 'Check me out' which is checked. At the bottom of the form is a blue 'Submit' button. The Windows taskbar at the bottom shows the date as 30-09-2022 and the time as 08:23.

**Login page successful**



The screenshot shows a web browser window with the title 'localhost:5000/login'. The address bar displays 'localhost:5000/login'. The page content shows a successful login message: 'Your name isabcdYour email isabc@gmail.comYour Phone number is1234567890'. The Windows taskbar at the bottom shows the date as 30-09-2022 and the time as 08:24.