

## **IBM ASSIGNMENT 1**

Batch No: B7-1A3E

**1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.**

```
from flask import Flask,redirect,url_for,render_template,request
```

```
app=Flask(__name__)
```

```
@app.route('/')
```

```
def success():
```

```
    return render_template("login.html")
```

```
@app.route('/result',methods=["POST","GET"])
```

```
def login():
```

```
    if request.method=="POST":
```

```
        user=request.form
```

```
        return render_template("result.html",result=user)
```

```
if __name__=='__main__':
```

```
    app.run(debug=True)
```

### **login.html**

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<center><h1>ASSIGNMENT 2</h1></center>
```

```
<center><h2>LOGIN</h2></center>
```

```
<form action="http://localhost:5000/result" method="POST">
```

```
<p>Enter username:</p>
```

```
<p><input type="text" name="username"/></p>
```

```
<p>Enter mail:</p>
```

```
<p><input type="mail" name="mail"/></p>
```

```
<p>Enter phone number:</p>
```

```
<p><input type="number" name="phno"/></p>
```

```
<p><input type="submit" value="Submit"/></p>
```

```
</form>
```

```
</body>
```

```
</html>
```

### Result.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h1>FORM VALUES </h1>
```

```
{% for key,value in result.items() %}
```

```
<strong><p>{{key}}</p></strong>
```

```
<p>{{value}}</p>
```

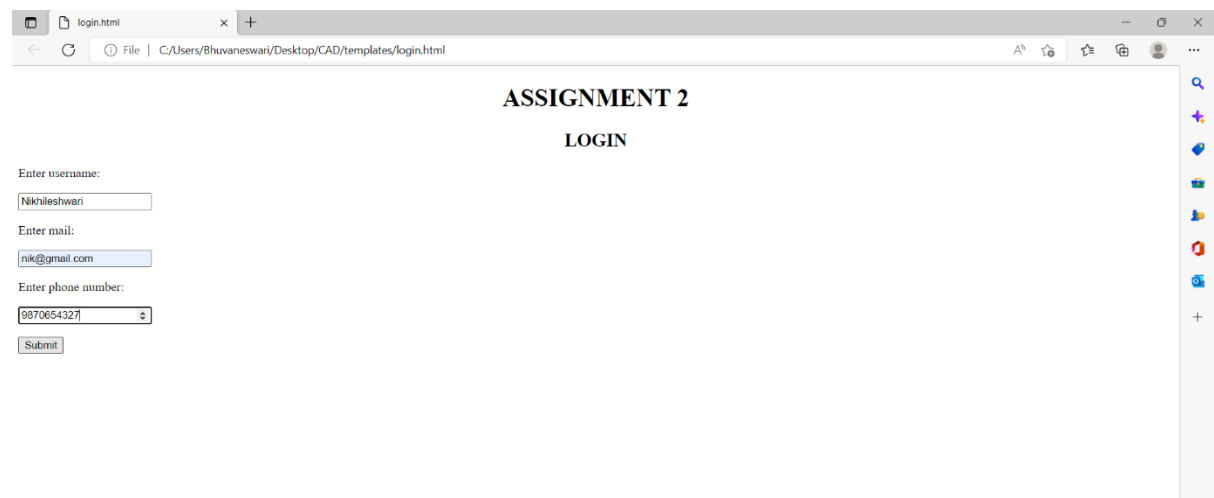
```
{% endfor %}
```

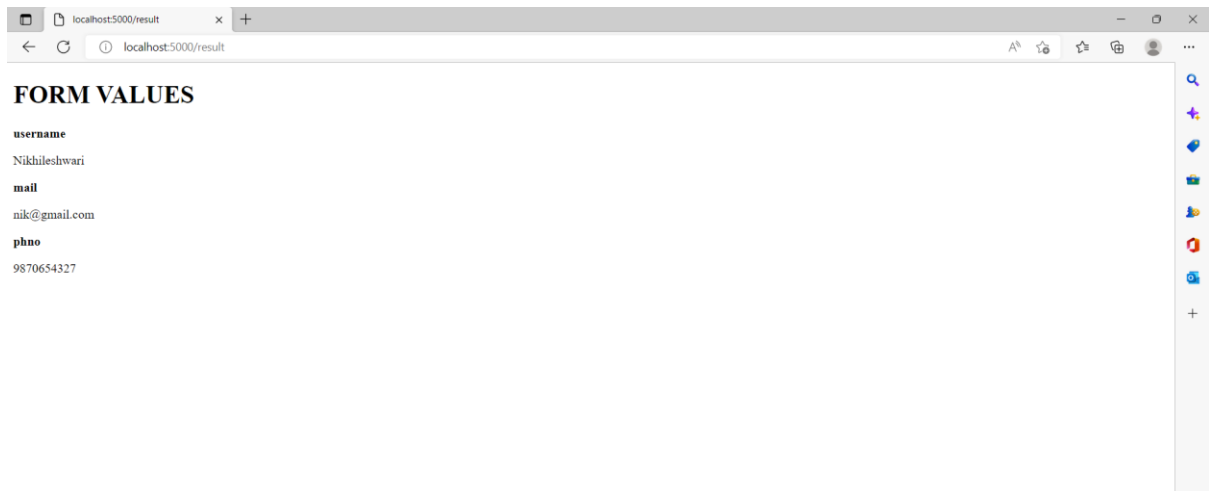
```
</table>
```

```
</body>
```

```
</html>
```

### OUTPUT





2. Develop a flask program which should contain at least 5 packages used from [pypi.org](http://pypi.org).

Packages used:

- redirect
- render\_template
- url\_for
- jsonify
- make\_response
- request
- werkzeug

### main.py

```
from flask import Flask,redirect,url_for,render_template,request,jsonify,make_response
```

```
from werkzeug.utils import secure_filename
```

```
UPLOAD_FOLDER="CAD/templates/uploader"
```

```
app=Flask(__name__)
```

```
app.config['UPLOAD_FOLDER'] = UPLOAD_FOLDER
```

```
@app.route('/success/<name>')
```

```
def success(name):
```

```
    return "<html><body><h1>WELCOME %s</h1></body></html>"%name
```

```
@app.route('/display',methods=['POST','GET'])
```

```
def display():
```

```

if request.method == "POST":
    user=request.form['name']
    return redirect(url_for('success',name=user))
else:
    return render_template('display.html')

@app.route('/uploader', methods = ['GET', 'POST'])
def upload_file():
    if request.method == 'POST':
        f = request.files['file']
        f.save(secure_filename(f.filename))
        return 'file uploaded successfully'

```

```

@app.route('/display/')
@app.route('/display/<int:id>')
def check(id=None):
    if not id:
        msg=jsonify(msg="id is missing")
        return make_response(msg,400)
    return jsonify(id=id ,msg="Your id is %d ")

```

```

if __name__=='__main__':
    app.run(debug=True)

```

### **display.html**

```

<html>

<body>

<form action="http://127.0.0.1:5000/display" method='POST' enctype = "multipart/form-
data">

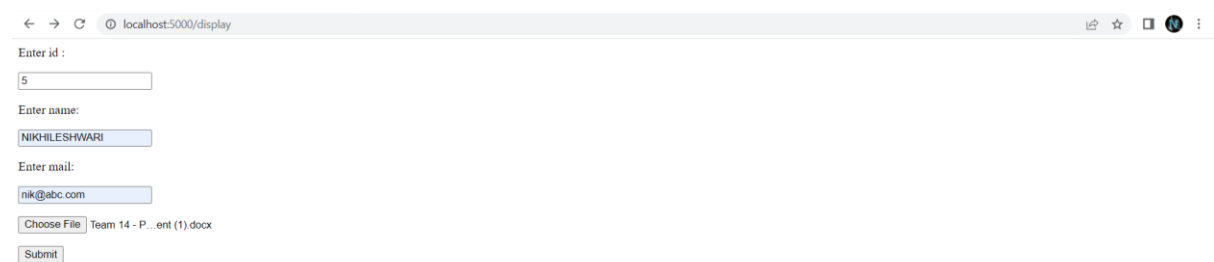
<p>Enter id :</p>

<p><input type="number" name="id"/></p>

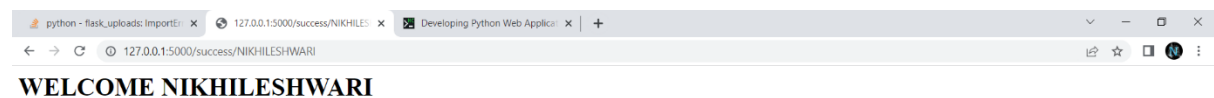
```

```
<p>Enter name:</p>
<p><input type="text" name="name"/></p>
<p>Enter mail:</p>
<p><input type="text" name="mail"/></p>
<p><input type="file" name="file"></p>
<p><input type="submit" value="Submit"/></p>
</form>
</body>
</html>
```

## OUTPUT



A screenshot of a web browser window showing a form. The browser's address bar displays 'localhost:5000/display'. The form contains the following elements: a label 'Enter id :' followed by a text input field containing the number '5'; a label 'Enter name:' followed by a text input field containing 'NIKHILESHWARI'; a label 'Enter mail:' followed by a text input field containing 'nik@abc.com'; a file upload section with a 'Choose File' button, a file name 'Team 14 - P...ent (1).docx', and a 'Submit' button.



A screenshot of a web browser window showing a success message. The browser has multiple tabs open, including 'python - flask\_uploads: ImportE...', '127.0.0.1:5000/success/NIKHILE...', and 'Developing Python Web Applica...'. The address bar shows '127.0.0.1:5000/success/NIKHILESHWARI'. The main content of the page is the text 'WELCOME NIKHILESHWARI'.

