IBM ASSIGNMENT 1

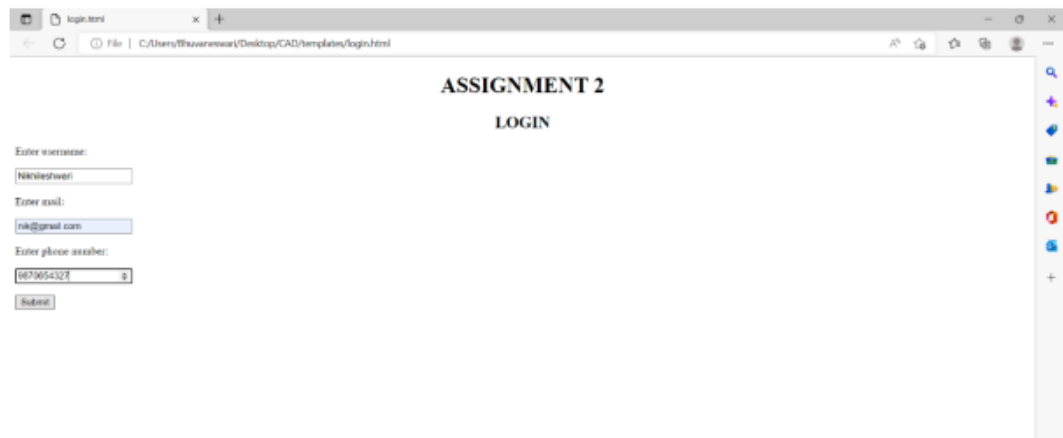## 1. Create a registration page in html with username, email and phone number and by using POST method display it in the next html page.

```python
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

```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() %}
<p>{{key}}</p>
<p>{{value}}</p>
{% endfor %}
</table>
</body>
</html>

2 . 2. Develop a flask program which should contain at least 5 packages used
from pypi.org.
Packages used:
• redirect
• render_template

- url_for
- jsonify
- make_response
- request
- werkzeug

main.py

```python
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:
```

```python
        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
<html>
<body>
<form action="http://127.0.0.1:5000/display" method='POST'enctype =
"multipart/formdata">
<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>
```

file uploaded successfully


```
{
  "id": 8,
  "msg": "Your id is 8 "
}
```