Queries.py

```python
import ibm_db

dictionary={}
def printTableData(conn):
    sql = "SELECT * FROM userdetails"
    out = ibm_db.exec_immediate(conn, sql)
    document = ibm_db.fetch_assoc(out)
    while document != False:
        dictionary.update({document['USERNAME']:document['PASSWORD']})
        document = ibm_db.fetch_assoc(out)


def insertTableData(conn,rollno,username,email,password):
    sql="INSERT INTO userdetails(rollno,username,email,password) VALUES
({},'{}','{}','{}')".format(rollno,username,email,password)
    out = ibm_db.exec_immediate(conn,sql)
    print('Number of affected rows : ',ibm_db.num_rows(out),"\n")


def updateTableData(conn,rollno,username,email,password):
    sql = "UPDATE userdetails SET (username,email,password)=('{}','{}','{}') WHERE
rollno={}".format(username,email,password,rollno)
    out = ibm_db.exec_immediate(conn, sql)
    print('Number of affected rows : ', ibm_db.num_rows(out), "\n")

def deleteTableData(conn,rollno):
    sql = "DELETE FROM userdetails WHERE rollno={}".format(rollno)
    out = ibm_db.exec_immediate(conn, sql)
    print('Number of affected rows : ', ibm_db.num_rows(out), "\n")

try:
    conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=0c77d6f2-5da9-48a9-81f8-
86b520b87518.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31198;SECURITY=SSL;SSLSe
rverCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;PWD=ef96tLJX2VjzaCPX;",
"", "")
    print("Db connected")

except:
    print("Error")




from flask import Flask,render_template,request,url_for,session
app=Flask(__name__)
@app.route("/")
@app.route("/login",methods=['POST','GET'])
def login():
    if request.method=="POST":
        printTableData(conn)
        username=request.form['username']
        password=request.form['password']
        try:
            if dictionary[username] == password  and username in dictionary:
```

```python
            return "Logged in successfully"
        except:
            return "Invalid username or password"
    return render_template('loginpage.html')

@app.route("/register",methods=['POST','GET'])
def register():
    if request.method=="POST":
        rollno = request.form['rollno']
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        insertTableData(conn, rollno, username, email, password)
        #printTableData(conn)
        return render_template('loginpage.html')
    return render_template('registerpage.html')

#deleteTableData(conn,6)
#updateTableData(conn,5,'kamal','kamal@google.com','assignment')
#printTableData(conn)
#print(dictionary)


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