DATABASE

```python
from turtle import st

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

from markupsafe import escape


import ibm_db

try:

  conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=764264db-9824-4b7c-82df-40d1b13897c2.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=32536;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=wlb16941;PWD=EHxIKjPCS7sBeCk3","","")

  print("Successfully connected with db2")

except:

  print("Sorry.. Unable to connect : ", ibm_db.conn_errormsg())


app = Flask(_name_)

@app.route('/')

def home():

  return render_template('home.html')




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

def register():

  if request.method == 'POST':
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```python
        fname = request.form['fname']

        lname = request.form['lname']

        email = request.form['email']

        password = request.form['password']
    sql = "SELECT * FROM user WHERE email =?"

        stmt = ibm_db.prepare(conn, sql)

        ibm_db.bind_param(stmt,1,email)

        ibm_db.execute(stmt)

        account = ibm_db.fetch_assoc(stmt)


        if account:

            return render_template('home.html', msg="You are already a member, please
login using your details")

        else:

            insert_sql = "INSERT INTO user VALUES (?,?,?,?)"

            prep_stmt = ibm_db.prepare(conn, insert_sql)

            ibm_db.bind_param(prep_stmt, 1, fname)

            ibm_db.bind_param(prep_stmt, 2, lname)

            ibm_db.bind_param(prep_stmt, 3, email)

            ibm_db.bind_param(prep_stmt, 4, password)

            ibm_db.execute(prep_stmt)

            return render_template('home.html', msg="Student Data saved successfuly..")
    @app.route("/login", methods=["POST"])
def login():
    print("-------------------------")
    print("Inside login entrance")
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```python
    email = request.form.get("email")

    password = request.form.get("password")

    sql = "SELECT * FROM user WHERE email = ?"

    stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(stmt, 1, email)

    ibm_db.execute(stmt)

    account = ibm_db.fetch_assoc(stmt)

   if not account

return render_template('home.html', msg="You are not yet registered, please sign up using your details")

    else:

   print("+==================================+")

     print(account)

     print("+==================================+")

     print("Inside login")

     if(password == account['PASSWORD']):

      email = account['EMAIL']

      name = account['FNAME']

      print("Going to redirect to dashboard")

      return redirect(url_for('dashboard'))

     else:

      return render_template('home.html', msg="Please enter the correct password")


@app.route('/dashboard')

def dashboard():

   return render_template('dashboard1.html')
```

```python
if _name_ == '_main_':
    app.run()
```