from flask import Flask, render\_template, request, redirect, url\_for, session

import ibm\_db

import re

app = Flask(\_\_name\_\_)

app.secret\_key = 'a'

conn = ibm\_db.connect("DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-9991-629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=30119;Security=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=lbs14903;PWD=1N4walQ5ywwiwP7c;",'','')

@app.route('/')

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

def register():

msg = ''

if request.method == 'POST' and 'fullname' in request.form and 'username' in request.form and 'email' in request.form and 'phonenumber' in request.form and 'passwords' in request.form and 'cpassword' in request.form :

fullname = request.form['fullname']

username = request.form['username']

email = request.form['email']

phonenumber = request.form['phonenumber']

passwords = request.form['passwords']

cpassword = request.form['cpassword']

stmt = ibm\_db.prepare(conn,'SELECT \* FROM appuser WHERE username = ?')

ibm\_db.bind\_param(stmt,1,username)

ibm\_db.execute(stmt)

account = ibm\_db.fetch\_assoc(stmt)

if account:

msg = 'Account already exists !'

elif not re.match(r'[^@]+@[^@]+\.[^@]+', email):

msg = 'Invalid email address !'

elif not re.match(r'[A-Za-z0-9]+', username):

msg = 'Username must contain only characters and numbers !'

elif not username or not passwords or not email:

msg = 'Please fill out the form !'

else:

prep\_stmt = ibm\_db.prepare(conn,"INSERT INTO appuser VALUES(?, ?, ?, ?, ?, ?)")

ibm\_db.bind\_param(prep\_stmt, 1, fullname)

ibm\_db.bind\_param(prep\_stmt, 2, username)

ibm\_db.bind\_param(prep\_stmt, 3, email)

ibm\_db.bind\_param(prep\_stmt, 4, phonenumber)

ibm\_db.bind\_param(prep\_stmt, 5, passwords)

ibm\_db.bind\_param(prep\_stmt, 6, cpassword)

ibm\_db.execute(prep\_stmt)

msg = 'You have successfully registered !'

elif request.method == 'POST':

msg = 'Please fill out the form !'

return render\_template('registration.html', msg = msg)

if \_\_name\_\_ == '\_\_main\_\_':

app.debug = True

app.run(host='0.0.0.0',port=8080)