1. import mysql.connector

db\_connection = mysql.connector.connect(

host="localhost",

user="root",

passwd="root",

database="my\_first\_db"

)

db\_cursor = db\_connection.cursor()

#Here creating database table as student'

db\_cursor.execute("CREATE TABLE student (id INT, name VARCHAR(255))")

#Get database table'

db\_cursor.execute("SHOW TABLES")

for table in db\_cursor:

print(table)

2. gcreate database employee

use employee

create table employee\_tbl

(

EmpId int primary key,

FirstName varchar(50),

LastName varchar(50),

Salary float,

MobileNo varchar (15)

)

insert into employee\_tbl values (5, "raman', 'singh', 50000, 7868766676\*)

select \*from employee tbl

delete from employee\_tbl where EmpId=1

update employee\_tbl set FirstName='rajjat' where EmpId=3

3.import ibm\_db\_dbi as db

conn = db.connect("DATABASE=name;HOSTNAME=host;PORT=60000;PROTOCOL=TCPIP;UID=username;PWD=password;", "", "")

list tables with

for t in conn.tables():

print(t)

and execute SQL with

cursor = conn.cursor()

cursor.execute("SELECT \* FROM Schema.Table")

for r in cursor.fetchall():

print(r)

4.

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

from flask\_mysqldb import MySQL

import MySQLdb.cursors

import re

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

app.secret\_key = 'your secret key'

app.config['MYSQL\_HOST'] = 'localhost'

app.config['MYSQL\_USER'] = 'root'

app.config['MYSQL\_PASSWORD'] = 'your password'

app.config['MYSQL\_DB'] = 'geeklogin'

mysql = MySQL(app)

@app.route('/')

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

def login():

 msg = ''

 if request.method == 'POST' and 'username' in request.form and 'password' in request.form:

       username = request.form['username']

      password = request.form['password']

cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)

cursor.execute('SELECT \* FROM accounts WHERE username = % s AND password = % s', (username, password, ))

  account = cursor.fetchone()

 if account:

  session['loggedin'] = True

  session['id'] = account[