**MySQL-PYTHON**

**AJK BLOOD BANK DONOR USER DETAILS**

**MySQL**

**create** database Ajkbloodbank;

use Ajkbloodbank;

**create table** Donor\_reg(  
ID **integer** auto\_increment **primary key**,  
DONER\_NAME **varchar** (50),  
AGE **integer** ,  
GENDER **varchar**(10),  
ADDRESS **varchar** (500),  
DISTRICT **varchar** (50),  
PHONE\_NUMBER **varchar** (50),  
EMAIL\_ID **varchar** (50)  
);

**select** \* **from** Donor\_reg;

**PYTHON**

from tabulate import tabulate  
import mysql.connector

connect = mysql.connector.connect(host="localhost", user="root", password="root", database="Ajkbloodbank")

"""  
#to check if connected or not connected   
if connect:  
 print("connected")  
else:  
 print("Not connected")  
  
"""

def insert(DONER\_NAME, AGE, GENDER, ADDRESS, DISTRICT, PHONE\_NUMBER, EMAIL\_ID):  
 # print("insert")  
 res = connect.cursor()  
 sql = "insert into Donor\_reg (DONER\_NAME,AGE,GENDER,ADDRESS,DISTRICT,PHONE\_NUMBER,EMAIL\_ID ) values (%s,%s,%s,%s,%s,%s,%s)"  
 Donor = (DONER\_NAME, AGE, GENDER, ADDRESS, DISTRICT, PHONE\_NUMBER, EMAIL\_ID)  
 res.execute(sql, Donor)  
 connect.commit()  
 print("Successfully insert the data")

def update(DONER\_NAME, AGE, GENDER, ADDRESS, DISTRICT, PHONE\_NUMBER, EMAIL\_ID, ID):  
 # print("update")  
 res = connect.cursor()  
 sql = "update Donor\_reg set DONER\_NAME=%s ,AGE=%s ,GENDER=%s ,ADDRESS=%s ,DISTRICT=%s ,PHONE\_NUMBER=%s ,EMAIL\_ID=%s where ID=%s "  
 Donor = (DONER\_NAME, AGE, GENDER, ADDRESS, DISTRICT, PHONE\_NUMBER, EMAIL\_ID, ID)  
 res.execute(sql, Donor)  
 connect.commit()  
 print("Successfully update the data")

def delete(ID):  
 # print("delete")  
 res = connect.cursor()  
 sql = "delete from Donor\_reg where ID=%s "  
 Donor = (ID,)  
 res.execute(sql, Donor)  
 connect.commit()  
 print("Successfully delete the data")

def preview():  
 # print("preview")  
 res = connect.cursor()  
 sql = "SELECT ID,DONER\_NAME,AGE,GENDER,ADDRESS,DISTRICT,PHONE\_NUMBER,EMAIL\_ID from Donor\_reg"  
 res.execute(sql)   
 result = res.fetchall()  
 print(tabulate(result,  
 headers=["ID", "DONER\_NAME", "AGE", "GENDER", "ADDRESS", "DISTRICT", "PHONE\_NUMBER", "EMAIL\_ID"]))

"""  
print("1. INSERT DATA")  
print("2. UPDATE DATA")  
print("3. DELETE DATA")  
print("4. PREVIEW DATA")  
print("5. QUIT")  
  
"""

while True:  
  
 print("1. INSERT DATA")  
 print("2. UPDATE DATA")  
 print("3. DELETE DATA")  
 print("4. PREVIEW DATA")  
 print("5. QUIT")  
  
 choice = int(input("\n Enter your choice: "))

if (choice == 1):  
 DONER\_NAME = input("Enter the DONER\_NAME: ")  
 AGE = int(input("Enter the AGE: "))  
 GENDER = input("Enter the GENDER: ")  
 ADDRESS = input("Enter the ADDRESS: ")  
 DISTRICT = input("Enter the DISTRICT: ")  
 PHONE\_NUMBER = input("Enter the PHONE\_NUMBER: ")  
 EMAIL\_ID = input("Enter the EMAIL\_ID: ")  
 insert(DONER\_NAME, AGE, GENDER, ADDRESS, DISTRICT, PHONE\_NUMBER, EMAIL\_ID)  
  
 elif (choice == 2):  
 ID = int(input("Enter the Id to update: "))  
 DONER\_NAME = input("Update the DONER\_NAME: ")  
 AGE = int(input("Update the AGE: "))  
 GENDER = input("Update the GENDER: ")  
 ADDRESS = input("Update the ADDRESS: ")  
 DISTRICT = input("Update the DISTRICT: ")  
 PHONE\_NUMBER = input("Update the PHONE\_NUMBER: ")  
 EMAIL\_ID = input("Update the EMAIL\_ID: ")  
 update(DONER\_NAME, AGE, GENDER, ADDRESS, DISTRICT, PHONE\_NUMBER, EMAIL\_ID, ID)

elif (choice == 3):  
 ID = int(input("Enter the Id to delete: "))  
 delete(ID)

elif (choice == 4):  
 preview()  
  
 elif (choice == 5):  
 print("Thank You")  
 break  
  
 else:  
 print("Invaild choice, please try again ")

**THE END**