

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