PROGRAM CODE

import mysql.connector as mycon

cn=mycon.connect(host='localhost',user='root',passwd="\*hrishi2811",database="bbank")

cur=cn.cursor()

def showAll():

global cn

global cur

try:

query="select \* from Blood\_bank"

cur.execute(query)

results = cur.fetchall()

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print('%5s'%"SLNO",'%15s'%'DNAME','%12s'%'AGE','%10s'%'BGROUP','%15s'%'DMOBILE','%20s'%'ADDRESS')

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

count=0

for row in results:

print('%5s' %row[0],'%15s'%row[1],'%12s'%row[2],'%10s'%row[3],'%15s'%row[4],'%20s'%row[5])

count+=1

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* TOTAL RECORD : ",count,"\*\*\*\*\*\*\*\*\*\*")

except:

print("error")

def dname():

global cn,cur

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*ADD NEWDONOR\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

SLNO = int(input("Enter sl.no :"))

DNAME = input("Enter donor name :")

AGE = int(input("Enter age :"))

BGROUP = input("Enter blood group:")

DMOBILE = int(input("Enter donor mobile.no:"))

ADDRESS = input("Enter donor address:")

query="insert into Blood\_bank values("+str(SLNO)+",'"+DNAME+"',"+str(AGE)+",'"+BGROUP+"',"+str(DMOBILE)+",'"+ADDRESS+"')"

cur.execute(query)

cn.commit()

print("\n ## RECORD ADDED SUCCESSFULLY!")

def searchdname():

global cn,cur

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*SEARCH BLOOD BANK FORM\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

sno=int(input("Enter SL number to search :"))

query="select\*from Blood\_bank where SLNO="+str(sno)

cur.execute(query)

results = cur.fetchall()

if cur.rowcount<=0:

print("\## SORRY! NO MATCHING DETAILS AVAILABLE ##")

else:

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print('%5s'%"SLNO",'%15s'%'DNAME','%12s'%'AGE','%10s'%'BGROUP','%15s'%'DMOBILE','%20s'%'ADDRESS')

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

for row in results:

print('%5s' %row[0],'%15s'%row[1],'%12s'%row[2],'%10s'%row[3],'%15s'%row[4],'%20s'%row[5])

print("-"\*50)

def editBBN():

global cn,cur

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*EDIT BLOOD BANK FORM\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

sno = int(input("Enter SL number to edit :"))

query="select \* from Blood\_bank where SLNO="+str(sno)

cur.execute(query)

results = cur.fetchall()

if cur.rowcount<=0:

print("\## SORRY! NO MATCHING DETAILS AVAILABLE ##")

else:

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print('%5s'%"SLNO",'%15s'%'DNAME','%12s'%'AGE','%10s'%'BGROUP','%15s'%'DMOBILE','%20s'%'ADDRESS')

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

for row in results:

print('%5s' %row[0],'%15s'%row[1],'%12s'%row[2],'%10s'%row[3],'%15s'%row[4],'%20s'%row[5])

print("-"\*50)

ans = input("Are you sure to update ? (y/n)")

if ans=="y" or ans=="Y":

a = int(input("Enter new age to update (enter old value if not to update) :"))

g = input("Enter new blood group to update (enter old value if not to update) :")

m = int(input("Enter new mobile.no to update (enter old value if not to update) :"))

d = input("Enter new adress to update (enter old value if not to update) :")

query="update Blood\_bank set AGE='"+str(a)+"',BGROUP='"+g+"',DMOBILE='"+str(m)+"',ADDRESS='"+d+"'where SLNO="+str(sno)

cur.execute(query)

cn.commit()

print("\n## RECORD UPDATED ##")

def delBBN():

global cn,cur

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DELETE BLOOD BANK FORM\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

sno = int(input("Enter SL number to delete :"))

query="select \* from Blood\_bank where SLNO="+str(sno)

cur.execute(query)

results = cur.fetchall()

if cur.rowcount<=0:

print("\## SORRY! NO MATCHING DETAILS AVAILABLE ##")

else:

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print('%5s'%"SLNO",'%15s'%'DNAME','%12s'%'AGE','%10s'%'BGROUP','%15s'%'DMOBILE','%20s'%'ADDRESS')

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

for row in results:

print('%5s' %row[0],'%15s'%row[1],'%12s'%row[2],'%10s'%row[3],'%15s'%row[4],'%20s'%row[5])

print("-"\*50)

ans = input("Are you sure to delete ? (y/n)")

if ans=="y" or ans=="Y":

query="delete from Blood\_bank where SLNO="+str(sno)

cur.execute(query)

cn.commit()

print("\n## RECORD DELETED ##")

def clear():

for i in range(1,50):

print()

def Dlocation():

global cn,cur

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*DONORLOCATION\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

sno = input("Enter SL number to get the location:")

query="select ADDRESS from Blood\_bank where SLNO="+str(sno)

cur.execute(query)

results=cur.fetchone()

if cur.rowcount<=0:

print("\## SORRY! NO MATCHING DETAILS AVAILABLE ##")

else:

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print('%20s'%'ADDRESS')

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print('%20s'%results)

print("-"\*50)

while True:

print("1. SHOW BLOOD BANK LIST ")

print("2. ADD NEW DONOR DETAILS")

print("3. SEARCH DONOR ")

print("4. EDIT DONOR DETAILS ")

print("5. DELETE DONOR DETAILS ")

print("6. LOCATE DONOR ")

print("7. CONTACT US")

print("0. EXIT")

ans = int(input("Enter your choice :"))

if ans==1:

showAll()

elif ans==2:

dname()

elif ans==3:

searchdname()

elif ans==4:

editBBN()

elif ans==5:

delBBN()

elif ans==6:

Dlocation()

elif ans==7:

print("\*"\*60)

print(" "\*20,"AUTHOR :HRISHIKESH NAICK")

print(" "\*20,"EMAIL :XXHRISHI2811XX@GMAIL.COM")

print("\*"\*60)

elif ans==0:

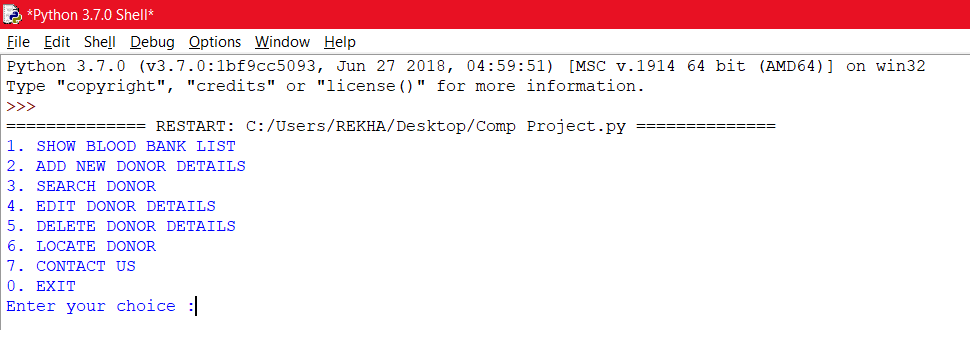
print("\nBye!!")

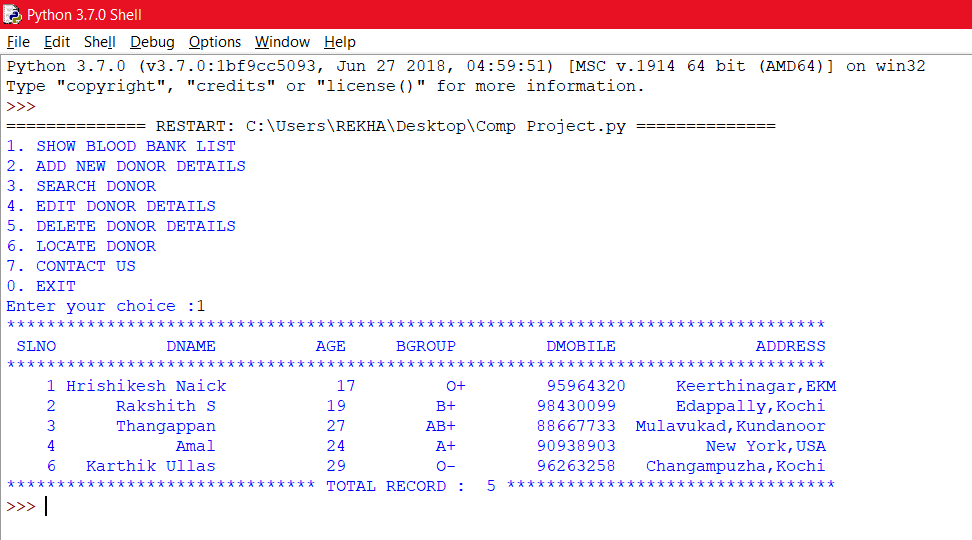
cn.close()

break

OUTPUT

MAIN MENU

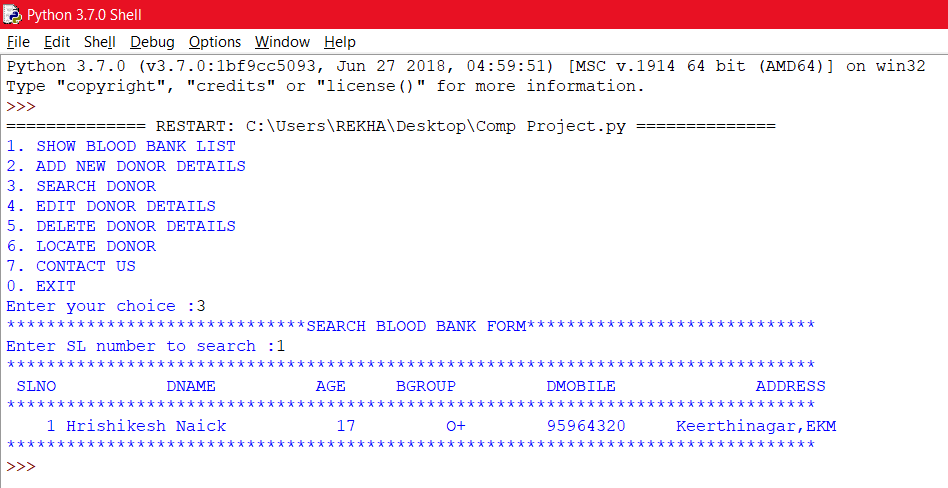
WHEN CHOICE=1



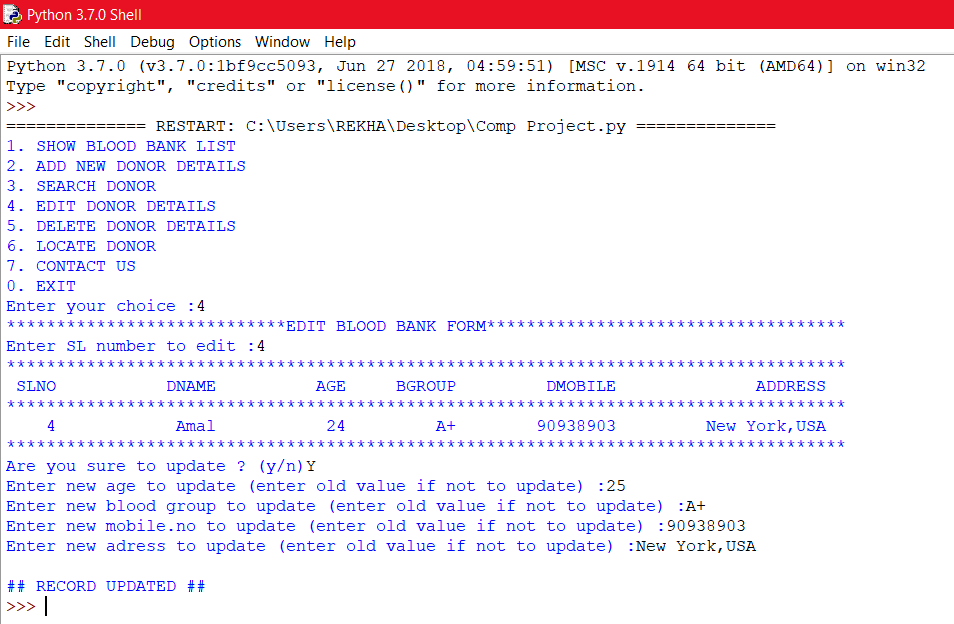
WHEN CHOICE=2



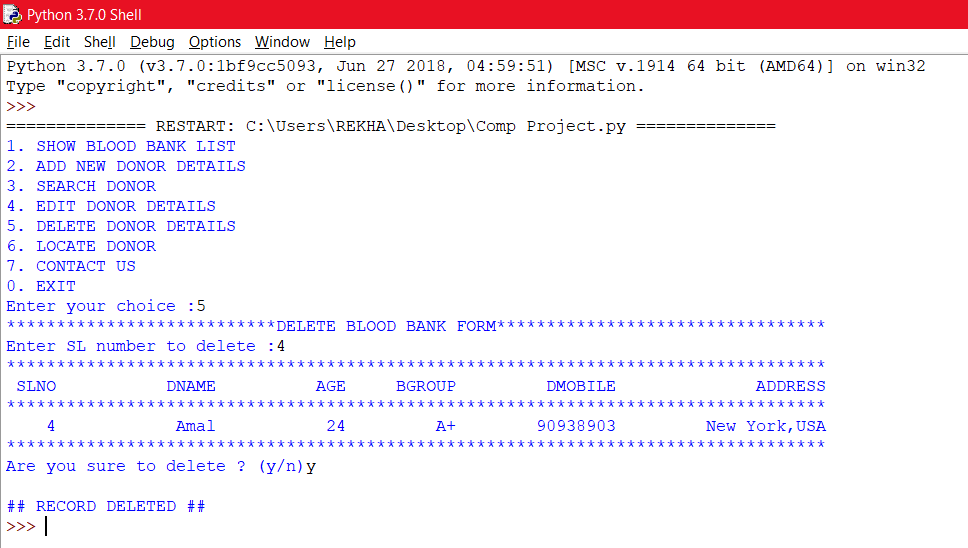
WHEN CHOICE = 3



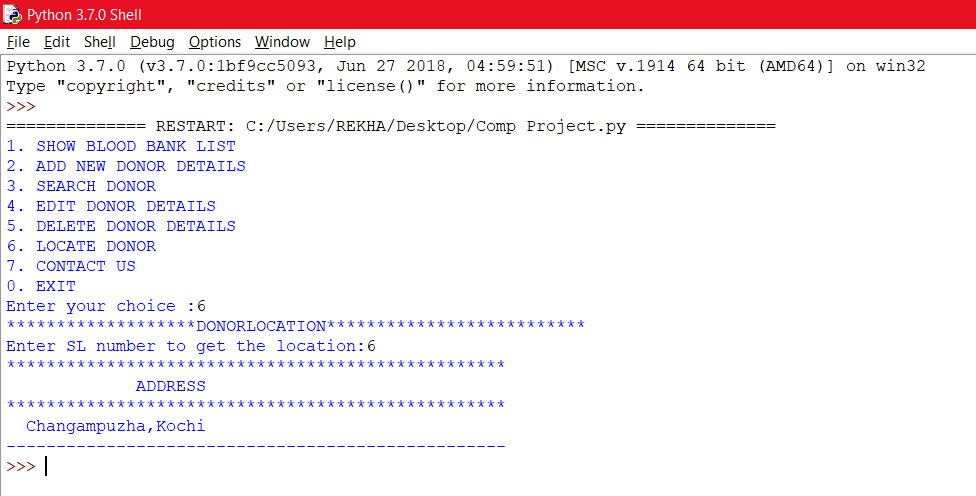
WHEN CHOICE = 4



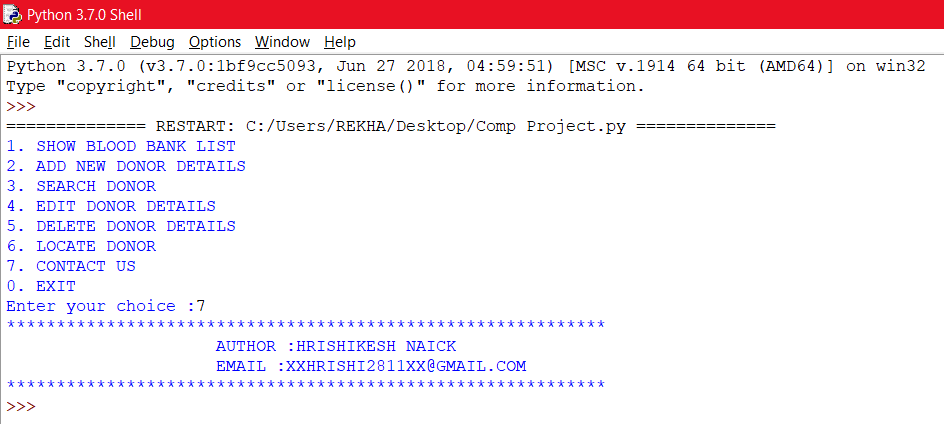
WHEN CHOICE = 5



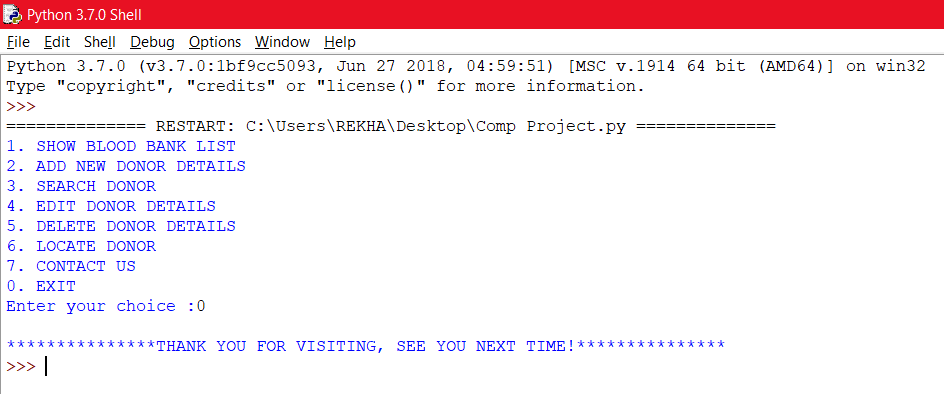
WHEN CHOICE = 6



WHEN CHOICE = 7



WHEN CHOICE = 0



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