# class blood\_app:

def admin():

global address\_bb

global address\_bc

global bg\_A

global bg\_B

global bg\_AB

global bg\_O

global request

global contact\_detail

print("please enter the choice 1 for blood\_bank and choice 2 for blood\_camp ")

choice=int(input("enter your choice:"))

bg\_A=int(input("entre the available quantity of bg\_A:"))# enter how much amount of blood A available in blood bank

bg\_B=int(input("entre the available quantity of bg\_B:"))

bg\_AB=int(input("entre the available quantity of bg\_AB:"))

bg\_O=int(input("entre the available quantity of bg\_O:"))

contact\_detail=input("enter the contact detail of admin:")

if (choice==1):

blood\_bank=input("entre the name of nearest blood bank:")

address\_bb=input("enter the area and address of nearest blood bank:")

print("nearest blood bank is:",blood\_bank)

print("address of nearestv blood bank is:",address\_bb)

elif (choice==2):

blood\_bank=input("entre the name of nearest blood camp:")

address\_bc=input("enter the area and address of nearest blood camp:")

print("nearest blood camp is:",blood\_bank)

print("address of nearest blood camp is: ",address\_bc)

# admin(blood\_bank, blood\_camp, area)

else:

print("invalid choice")

if (bg\_A < 2):# if available quntatity of grp\_A is less than 2 lit

request=1

elif (bg\_B < 2):# if available quntatity of grp\_B is less than 2 lit

request=2

elif (bg\_AB < 2):# if available quntatity of grp\_AB is less than 2 lit

request=3

elif (bg\_O < 2):# if available quntatity of grp\_O is less than 2 lit

request=4

admin()

def recepient():

name=input("entre the name of recepient:")

address=input("entre the address of recepient:")

age=input("entre the age of recepient:")

gender=input("entre the gender of recepient:")

blood\_need=input("entre the grp of blood which is need:")

print(name,"\n",address,"\n",age,"\n",gender,"\n",blood\_need)

print("option 1 for blood bank and option 2 for blood\_camp")

option=int(input("entre the option, blood bank or blood camp:"))

if (option==1):

print("address of blood bank is",address\_bb)

elif (option==2):

print("address of blood camp is",address\_bc)

else:

print("invalid option")

print("contact admin at this contact detail",contact\_detail)

recepient()

def donar():

name=input("entre the name of donar:")

address=input("entre the address of donar:")

age=input("entre the age of donar:")

gender=input("entre the gender of donar:")

blood\_grp=input("entre the blood grp of donar:")

print(name,"\n",address,"\n",age,"\n",gender,"\n",blood\_grp)

# assumption: file is created and donar received the request to donate

if (request==1 and blood\_grp==bg\_A):#admin send request to donar to donate the blood grp A(bg\_A)

print("sm bld grp,cntct admin to this cnt det. if want to donate",contact\_detail)

elif (request==2 and blood\_grp==bg\_B):

print("sm bld grp,cntct admin to this cnt det. if want to donate",contact\_detail)

elif (request==3 and blood\_grp==bg\_AB):

print("sm bld grp,cntct admin to this cnt det. if want to donate",contact\_detail)

elif (request==4 and blood\_grp==bg\_O):

print("sm bld grp,cntct admin to this cnt det. if want to donate",contact\_detail)

donar()

def calling():

print("enter 1 for admin, enter 2 for recepeint, enetr 3 for donar")

call=int(input("enter choice to call the function:"))

if (call==1):

admin()

elif (call==2):

recepient()

elif (call==3):

donar()

else:

print("invalid call")

# calling()

# use calling function to call one by one or call the functions directly:

Output:

runfile('E:/DHAN Python programe/Blood\_app.py', wdir='E:/DHAN Python programe')

please enter the choice 1 for blood\_bank and choice 2 for blood\_camp

enter your choice:1

entre the available quantity of bg\_A:3

entre the available quantity of bg\_B:1

entre the available quantity of bg\_AB:4

entre the available quantity of bg\_O:5

enter the contact detail of admin:Name->Mr. Harry,address->near Paras\_hospital, frezer road Patna, contact no->4526237678, email id->harry@gmail.com

entre the name of nearest blood bank:Hemoglobin\_blood\_centre

enter the area and address of nearest blood bank:Near the ParasHMRI, frezer road patna, 843331

nearest blood bank is: Hemoglobin\_blood\_centre

address of nearestv blood bank is: Near the ParasHMRI, frezer road patna, 843331

entre the name of recepient:Marry

entre the address of recepient:Boring canal road, Patna, 843335

entre the age of recepient:20

entre the gender of recepient:male

entre the grp of blood which is need:bg\_B

Marry

Boring canal road, Patna, 843335

20

male

bg\_B

option 1 for blood bank and option 2 for blood\_camp

entre the option, blood bank or blood camp:1

address of blood bank is Near the ParasHMRI, frezer road patna, 843331

contact admin at this contact detail Name->Mr. Harry,address->near Paras\_hospital, frezer road Patna, contact no->4526237678, email id->harry@gmail.com

entre the name of donar:jopes

entre the address of donar:Kankarbag, Patna,843336

entre the age of donar:32

entre the gender of donar:male

entre the blood grp of donar:bg\_B

jopes

Kankarbag, Patna,843336

32

male

bg\_B

you may contact on this contact detail: Name->Mr. Harry,address->near Paras\_hospital, frezer road Patna, contact no->4526237678, email id->harry@gmail.com