

HomeWOrm 5 Python

Python Coding



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# Requirement 1

## Test Case

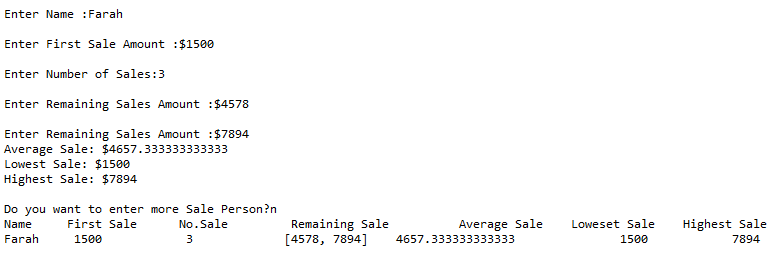


Figure 1: Test case

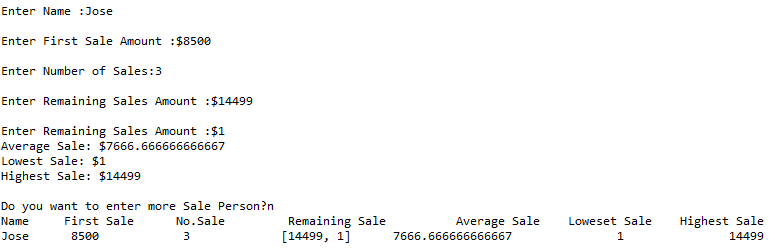


Figure 2: Jose

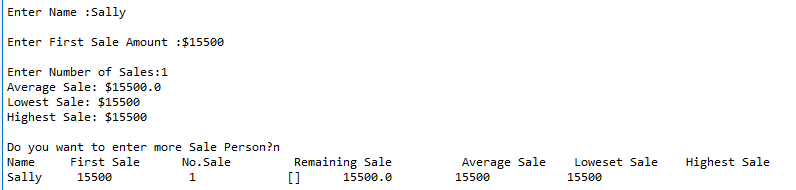


Figure 3: Salay

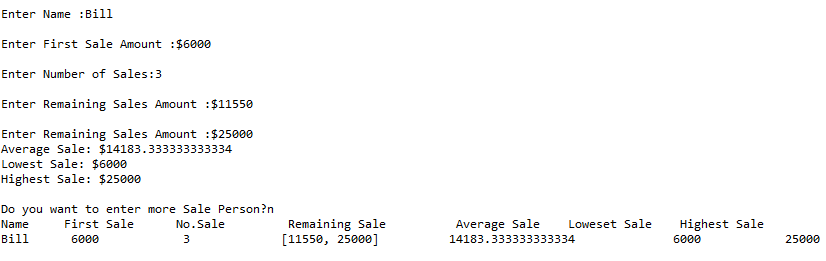


Figure 4:: Bill Details

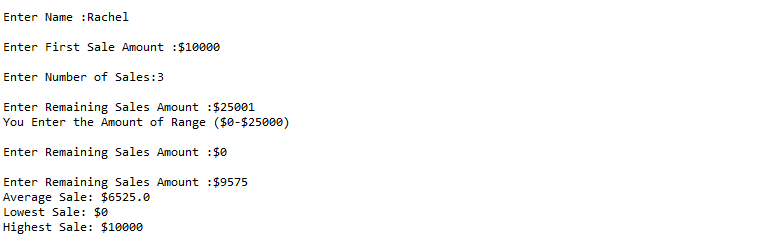


Figure :Rachel

# Requirement 04

## Python Code

def calculateDetail(lst):

print ("Average Sale: $" +str(float(sum(lst)/len(lst))))

print ("Lowest Sale: $"+str(min(lst)))

print ("Highest Sale: $"+str(max(lst)))

allavg.append(float(sum(lst)/len(lst)))

allmin.append(min(lst))

allmax.append(max(lst))

reuse =True

allname=[]

allsale=[]

alldetails=[]

allavg=[]

allmin=[]

allmax=[]

while reuse:

remainList=[]

Name=input('Enter Name :')

allname.append(Name)

FirstSale=int(input("Enter First Sale Amount :$"))

remainList.append(FirstSale)

NoSale=int(input("Enter Number of Sales:"))

allsale.append(NoSale)

for i in range(NoSale-1):

while True:

input\_=int(input("Enter Remaining Sales Amount :$"))

if input\_<0 or input\_>25000:

print ("You Enter the Amount of Range ($0-$25000)")

else:

remainList.append(input\_)

break

alldetails.append(remainList)

calculateDetail(remainList)

char=input("Do you want to enter more Sale Person?")

if char=="y":

reuse=True

else:

print ("Name \t First Sale \t No.Sale \t Remaining Sale \t Average Sale \t Loweset Sale \t Highest Sale")

for i in range (len(allname)):

print(allname[i]+"\t "+str(alldetails[i][i]) +"\t\t "+str(allsale[i]) +"\t\t" + str(alldetails[i][1:allsale[i]])+" \t"+str(allavg[i])+ "\t\t"+str(allmin[i])+"\t\t"+ str(allmax[i]) )

break