marks=[]

n= int(input("Enter the number of students:"))

for i in range (0,n):

enter= int(input("Enter your marks(if absent score=-1):"))

marks.append(enter)

print(marks[:])

#average score of class

def avg():

sum=0

for i in range (0,n):

if marks[i] != -1:

sum = sum + marks[i];

print(sum)

avg = sum/ n

print (sum/n)

print("The average score of the class is: ",avg)

# highest and lowest score

def hlscore():

high=marks[0]

low=marks[0]

for i in range(0,n):

if marks[i]!= -1:

if (marks[i]>=high):

high= marks[i]

elif(marks[i]<=low):

low= marks[i]

print("The highest score is = ",high)

print("The lowest score = ",low)

# count number of students who were absent for the test

def count():

count=0

for i in range (0,n):

if marks[i]==-1:

count=count+1

print("The number of students who were absent for the test= ",count)

#marks with highest frequency

def maxFrequency():

count1=0

count2=0

for j in marks:

if (marks.index(j)==count1):

if marks.count(j)>count2:

count2=marks.count(j)

markk=j

count1=count1+1

print("Highest number of frequency is of mark",markk, " and have frequency of ",count2)

avg()

hlscore()

count()

maxFrequency()