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#funtion to count absent students


def absent(listofstu, numberofstu):
    count = 0
    for  i in range(numberofstu):
        if listofstu[i]==0:
            count+=1
    return count

#function for maximum


def max(listofstu, numberofstu):
    m = 0
    for i in range(numberofstu):
        if m<listofstu[i]:
            m = listofstu[i]


    return m

#function for minimum


def min(listofstu, numberofstu):
    n = listofstu[0]
    for i in range(numberofstu):
        if n>listofstu[i]:
            n = listofstu[i]


    return n

#function to calculate largets marks frequency
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def largestMfreq(listofstu, numberofstu):
    count = 0
    check = max(listofstu, numberofstu)

    for i in range(numberofstu):
        if check == listofstu[i]:
            count+=1

    return count

#functipn to calculate minimum marks frequency

def mimMfreq(listofstu, numberofstu):
    count = 0
    check = min(listofstu, numberofstu)

    for i in range(numberofstu):
        if check == listofstu[i]:
            count+=1
    return count

#function of average

def avg(listofstu, numberofstu):
    Sum = 0
    for i in range(numberofstu):
        Sum+=listofstu[i]

    return (Sum/numberofstu)
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#main prog


loop = True

listofstu = []

numberofstu = int(input("Enter Number of Student : "))

count = 1


for i in range(numberofstu):

    marks=int(input(f"Enter marks for students {count}: "))

    listofstu.append(marks)

    count+=1


def slist():

    print("Enter your choice: \n 1.Enter 1 for average of marks. \n 2.Enter 2 for Maximum. \n 3.Enter 3 for Minimum. \n 4.Enter 4 for absent students. \n 5.Enter 5 to get the frequency of lowest marks frequency. \n 6.Enter 6 to get the frequency of highest marks. \n 7.Enter 7 to exit the program ")

slist()


while loop:

    choice=input("Enter Your Choice : ")


    if choice=="1":

        print("Average marks obtained are: ",avg(listofstu, numberofstu))


    elif choice=="2":

        print("Maximum Marks Obtained are: ",max(listofstu, numberofstu))


    elif choice=="3":

        print("Minimum marks obtained are: ",min(listofstu, numberofstu))


    elif choice=="4":

        print("Number of Absent Students : ",absent(listofstu, numberofstu))
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elif choice=="5":
    print("The frequency of lowest number of marks: ",mimMfreq(listofstu, numberofstu) )

elif choice=="6":
    print("The frequency of highest number of marks: ",largestMfreq(listofstu, numberofstu) )

elif choice=="7":
    print("Program Exit!")
    break

else:
    print("Enter a valid number.")
```