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Total_student=int(input("How many students are in Class?-->"))

S=[]

for i in range(Total_student):

    data=input("Name of the student "+str(i+1)+" is:")

    S.append(data)

print("Students in class:",S)

marks_scored=[]

absent_student=[]

total=0

for i in S:

    marks=eval(input("Marks scored by student "+ i + " in FDS test is:(put marks -1 for Absent students):"))

    if marks== -1:

        absent_student.append(i)

    else:

        marks_scored.append(marks)

        total+=marks

def avg():

    Average=total/(len(marks_scored))

    print("Average of Score of the class :",Average)

#2..To print higesht and lowest Score

def maxi():

    max_score=marks_scored[0]

    for mark in marks_scored:

        if max_score<mark:

            max_score=mark;

```

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    print("Highest score of class is:",max_score)
def mini():
    min_score=marks_scored[0]
    for mark in marks_scored:
        if mark<min_score:
            min_score=mark;
    print("Lowest score of class is:",min_score)

#mark with highest frequency
def freq():

    max = j = 0
    print("\nMarks\t\tFrequency")
    for i in marks_scored:
        if(marks_scored.index(i)==j):
            print(i,"\t\t",marks_scored.count(i))
            if(max<marks_scored.count(i)):
                max = marks_scored.count(i)
                mark = i
            j += 1
    print("\nScore",mark,"is with highest frequency",max)

while(1):
    print("\nEnter\n1.Average\n2.High score\n3.Lowest Score\n4.Higest Frequency\n5.No.
of Absent Students\n6Name of the Absent students")

    o=input()

```

```
if o=='1':  
    avg()  
elif o=='2':  
    maxi()  
elif o=='3':  
    mini()  
elif o=='4':  
    freq()  
elif o=='5':  
    print("No. of students absent for FDS test:",len(absent_student))  
elif o=='6':  
    print("Name of students who were absent for the test are: ",absent_student)
```

OUTPUT

How many students are in Class?-->5

Name of the student 1 is:ARHTUR

Name of the student 2 is:DUTCH

Name of the student 3 is:TREVOR

Name of the student 4 is:NIKO

Name of the student 5 is:FRANKLIN

Students in class: ['ARHTUR', 'DUTCH', 'TREVOR', 'NIKO', 'FRANKLIN']

Marks scored by student ARHTUR in FDS test is:(put marks -1 for Absent students):50

Marks scored by student DUTCH in FDS test is:(put marks -1 for Absent students):80

Marks scored by student TREVOR in FDS test is:(put marks -1 for Absent students):-1

Marks scored by student NIKO in FDS test is:(put marks -1 for Absent students):88

Marks scored by student FRANKLIN in FDS test is:(put marks -1 for Absent students):36

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

1

Average of Score of the class : 63.5

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

2

Highest score of class is: 88

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

3

Lowest score of class is: 36

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

4

Marks	Frequency
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50	1
----	---

80	1
----	---

88	1
----	---

36	1
----	---

Score 50 is with highest frequency 1

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

5

No. of students absent for FDS test: 1

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

6

Name of students who were absent for the test are: ['TREVOR']

Enter

1.Average

2.High score

3.Lowest Score

4.Higest Frequency

5.No. of Absent Students

6Name of the Absent students

^CTraceback (most recent call last):

File "/home/main.py", line 58, in <module>

o=input()

KeyboardInterrupt

[?2004h