

B2 Average how many

A teacher is using google forms to quiz his class on course concepts. Each test is out of 10. He wants to know what the average, min and max is in his classes – but the class size always changes.

Ask how big the class is.

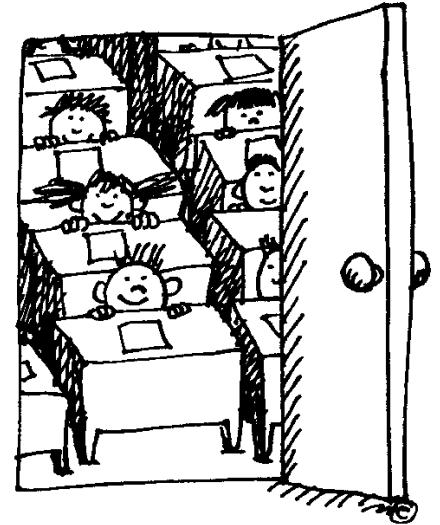
```
How big is the class? 31
```

Set up the min, max and sum variables.

```
int min = 10;  
int max = 0;  
int sum = 0;
```

Loop that many times, asking for the student's mark out of ten. For example, this is the line in the loop that is printed asking for #25's mark.

```
What is student #25's mark? 9
```



If the teacher enters a mark over 10 or under 0, the program should repeat the question until it is entered correctly. This code repeats if it is over ten, you need to fix it so it also handles the under 0 problem.

```
int mark = 11;  
while (mark >= 11)  
{ mark = IO.inputInt("What is student #"+i+"'s mark? ");  
  if (mark >=11)  
    System.out.println("Error. Mark is 10 or lower");  
}
```

While in the loop, sum up the values to help find the average.

```
sum += mark;
```

Also track the min and the max. For example, this code will help find the min:

```
if (min > mark)  
  min = mark;
```

When done the loop,

- Calculate the average and print it out.
- Print out what the minimum and maximum mark is.