More on Array

Each labs worth 10 points
All lab work must be initiated during the lab hour and be completed during the lab hour.
Only when additional time is required, the student may turn the lab in the following day for 2 points off.

1) Write a program that prompt the user to input n numbers (0<n<11) and stores them in an array. Then it finds the median of the array, assuming the elements are in ascending order.

How many number you like to enter: 9
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Enter number 1:   10
Enter number 2:   20
Enter number 3:   30
Enter number 4:   40
Enter number 5:   50
Enter number 6:   60
Enter number 7:   70
Enter number 8:   80
Enter number 9:   90
==============================
The median is: 50
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Another example would be:

How many number you like to enter: 6
==============================
Enter number 1:   11
Enter number 2:   15
Enter number 3:   16
Enter number 4:   18
Enter number 5:   212
Enter number 6:   220
==============================
The median is: 17
==============================

Another example would be:

How many number you like to enter: 6
==============================
Enter number 1:   11
Enter number 2:   15
Enter number 3:   18
Enter number 5:   23
Enter number 6:   220
Enter number 7:   221
==============================
The median is: 20
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In fact, the middle is 20.5 in the last case but since we only deal with integer we get the integer part which is 20.