**7 kyu**

**Nth Smallest Element (Array Series #4)**

10687% of 279113 of1,261[MrZizoScream](https://www.codewars.com/users/MrZizoScream)

C#

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**Task**

***Given*** an *array/list [] of integers* , ***Find*** *the Nth smallest element in this array of integers*

**Notes**

* ***Array/list*** size is *at least 3* .
* ***Array/list's numbers*** *could be a****mixture****of positives , negatives and zeros* .
* ***Repeatition*** *in array/list's numbers could occur* , so ***don't Remove Duplications*** .

**Input >> Output Examples**

1- nthSmallest({3,1,2} ,2) ==> return (2)

***Explanation***:

Since the passed number is ***2*** , Then ***the second smallest****element in this array/list is****2***

2- nthSmallest({15,20,7,10,4,3} ,3) ==> return (7)

***Explanation***:

Since the passed number is ***3*** , Then ***the third smallest****element in this array/list is****7***

3- nthSmallest({2,169,13,-5,0,-1} ,4) ==> return (2)

***Explanation***:

Since the passed number is ***4*** , Then ***the fourth smallest****element in this array/list is****2***

4- nthSmallest({177,225,243,-169,-12,-5,2,92} ,5) ==> return (92)

***Explanation***:

Since the passed number is ***5*** , Then ***the fifth smallest****element in this array/list is****92***

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ALL translations are welcomed

Enjoy Learning !!

**Zizou**

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public static int NthSmallest(int[] arr, int pos)

{

//Do Some Magic

Array.Sort(arr);

return arr[pos - 1];

}