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Question 1

* Write a function called index\_smallest that, given a list and an index i, returns the index of the smallest element in the list from index i to the end of the list; if an incorrect index is given, -1 is returned

For example:

- list = [1,5,4,8,2,9] , i = 2 -> returns 4

- list = [1,5,4,8,2,9] , i = -2 -> returns -1

- list = [1,5,4,8,2,9] , i = 6 -> returns -1

* Write a function swap that, given a list and an index i, swaps the element at position index\_smallest(list,i) with the element at position i; If an incorrect index is given, nothing happens

For example:

- list = [1,5,4,8,2,9], i = 2 then list becomes list [1,5,2,8,4,9]

- list = [1,5,4,8,2,9], i = -2 then list does not change

* Write a sort function that, given a list, uses the swap function from the previous point to sort the list from smallest to largest