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Question 1

* Write a function called swap that, given a list of numbers and an index i, changes this list so that from index i to the end of the list for every 2 consecutive elements x and y where x is greater than y, these elements are swapped.

The function returns whether at least 1 exchange has occurred.

For example :

- list = [1,2,8,7,4,3] , i = 3 --> list becomes [1,2,8,4,3,7] and returns True

- list = [1,2,8,7,4,3] , i = 2 --> list becomes [1,2,7,4,3,8] and returns True

- list = [2,1,3,4,5] and i = 1 --> list does not change and returns False

* Write a function sort that, for a given list, calls the function swap from previous point for every i from 0 until the end of the list or until the function swap returns False.