**Simple Sort**

To understand how efficient the built-in Python sorting function is, you decided to implement your own simple sorting algorithm and compare its speed to the speed of the Python sorting. Write a function that, given an array of integers arr, sorts its elements in ascending order.

*Hint: with Python it's possible to swap several elements in a single line. To solve the task, use this knowledge to fill in both of the blanks (...).*

Example

For arr = [2, 4, 1, 5], the output should be  
simpleSort(arr) = [1, 2, 4, 5].

Input/Output

* **[execution time limit] 4 seconds (py)**
* **[input] array.integer arr**

*Guaranteed constraints:*  
1 ≤ arr.length ≤ 500,  
-105 ≤ arr[i] ≤ 105.

* **[output] array.integer**
  + The given array with elements sorted in ascending order.

Solution :

def simpleSort(arr):

    n = len(arr)

    for i in range(n):

        j = 0

        stop = n - i

        while j < stop - 1:

            if arr[j] > arr[j + 1]:

                arr[j],arr[j+1] = arr[j+1],arr[j]

            j += 1

    return arr