463. Sort Integers

* [Description](http://lintcode.com/en/problem/sort-integers/" \l "description)
* [Notes](http://lintcode.com/en/problem/sort-integers/#note)
* [Testcase](http://lintcode.com/en/problem/sort-integers/#testcase)
* [Judge](http://lintcode.com/en/problem/sort-integers/#judge)

Given an integer array, sort it in ascending order. Use selection sort, bubble sort, insertion sort or any O(n2) algorithm.

Have you met this question in a real interview?

Yes

**Example**

Given [3, 2, 1, 4, 5], return [1, 2, 3, 4, 5].

[**Tags**](http://lintcode.com/en/problem/sort-integers/#tags)

[**Sort**](http://lintcode.com/tag/sort/)

<http://lintcode.com/en/problem/sort-integers/#>

#include <stdio.h>

#include <iostream>

#include <vector>

#include <algorithm>

using namespace std;

void sortIntegers(vector<int> &A) {

sort(A.begin(),A.end());

}

int main() {

int arr[] = {3, 2,0, 1, 4, 5};

vector<int> v;

int s = sizeof(arr)/sizeof(int);

for(int i =0; i < s; i++) {

v.push\_back(arr[i]);

}

sortIntegers(v);

for(int i =0; i<s; i++) {

printf("%d ", v[i]);

}

return 0;

}