Count Dracula 1

Count Dracula is interested in counting things in his retirement plan. He has learnt bubble sort in CS2022 class. He knows how it works. But he is keen to count how many swaps occur in an array when bubble sort is applied to sort in ascending order. Your task is to help Count Dracula to count the number of swaps for a given array.

Input Format

- The first line contains the number of elements N in the array
- The next line contains N integers of array A seperated by spaces

Constraints

$0 < N \leq 10^4$
$0 \leq A_i \leq 10^9$

Output Format

A single line containing the number of swaps

Sample Input 0

```
3
3 2 1
```

Sample Output 0

```
3
```

Explanation 0

In the first iteration, 3 and 2 are swapped and then 3 and 1 are swapped.

In the second iteration,2 and 1 are swapped.

Therefore the total number of swaps is 3.

Current Buffer (saved locally, editable)

C++14

```cpp
#include <cmath>
#include <cstdio>
#include <vector>
#include <iostream>
#include <algorithm>
using namespace std;


int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}

```

Line: 1 Col: 1

Upload Code as File

Test against custom input

Run Code

Submit Code