

## 3526 - Unordered List

### Description

In math class, the professor give to Javier a large list of unordered numbers. After that, the boy has said to his teacher, how many numbers situated after the  $i$ -th number are also greater than it. As the list of numbers are very large, the boy programmed the task, but his solution was too slow and can't solve the list given by his teacher because have more than one thousand numbers. Can you help Javier with this problem?

### Input specification

Line 1: an integer value  $N$  ( $1 \leq N \leq 10^5$ )

Line 2:  $N$  integer numbers  $K_i$  ( $1 \leq K_i \leq 10^5$ ) separates by space.

### Output specification

Print  $N$  integer values separates by space, where each of them represents the amount of numbers situated after the  $i$ -th number such that they are greater than  $i$ -th number too.

### Sample input

```
10
2 8 4 1 10 4 1 9 10 3
```

### Sample output

```
7 3 3 5 0 2 3 1 0 0
```

### Hint(s)

Source	Guillermo González Jiménez
Added by	<b>WIL</b>
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Time limit (ms)	0

## Caribbean Online Judge

Test limit (ms)	0
Memory limit (kb)	0
Output limit (mb)	64
Size limit (bytes)	0
Enabled languages	Bash C C# C++ C++11 Java JavaScript-NodeJS Pascal Perl PHP Prolog Python Ruby Text