

Problem A. Print Test Cases

Time limit 1000 ms
Mem limit 131072 kB
OS Linux

In the online judge system, a judge file may include multiple datasets to check whether the submitted program outputs a correct answer for each test case. This task is to practice solving a problem with multiple datasets.

Write a program which reads an integer x and print it as is. Note that multiple datasets are given for this problem.

Input

The input consists of multiple datasets. Each dataset consists of an integer x in a line.

The input ends with an integer 0. You program should not process (print) for this terminal symbol.

Output

For each dataset, print x in the following format:

Case i : x

where i is the case number which starts with 1. Put a single space between "Case" and i . Also, put a single space between ':' and x .

Constraints

- $1 \leq x \leq 10000$
- The number of datasets ≤ 10000

Sample Input

```
3
5
11
7
8
```

19

0

Sample Output

Case 1: 3

Case 2: 5

Case 3: 11

Case 4: 7

Case 5: 8

Case 6: 19