# **Find ICPC**

Given a string S containing only uppercase English letters count how many times the string "ICPC" occurs in the string S.

## Input

The first line contains an integer T ( $1 \le T \le 100$ ). T lines follow. Each line contains a string S. The length of S is between 1 and 1000.

## **Output**

For each test case output "Case X: K" where X is the case number starting from 1 and K is the number of times ICPC occurs in the string S.

## Example

#### Input:

2 ABDBIICPC ICPCACPCICPC

#### **Output:**

Case 1: 1 Case 2: 2