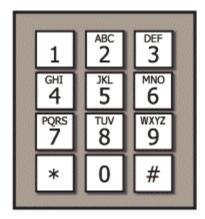# CCC '05 S1 - Snow Calls

Time limit: 2.0s   **Memory limit:** 256M

Canadian Computing Competition: 2005 Stage 1, Senior #1

You've been snowed in at your summer residence. And without the Internet! Unfortunately, this means you're going to have to rely on using the phone to get what you need to survive: pizza, pop, and the latest video games.

Oftentimes, companies replace the digits in their phone numbers with characters to make their phone numbers more memorable. Because apparently, it's easier to remember 416-BUY-MORE than it is to remember 416-289-6673. Some companies even add extra digits or characters (like 604-PIZZABOX) but any digits after the 10th are irrelevant.

Since it's getting tedious to do the conversion by hand, write a program to help change all the phone numbers in your phone book to the form `xxx-xxx-xxxx`, using the below image to assist you.

Input Specification

Input consists of a series of test cases. The first line consists of an integer t, the number of test cases. Following this are t lines consisting of alphanumeric characters separated by hyphens, representing valid phone numbers. All letters will be in uppercase. No line is longer than 40 characters.

Output Specification

For each test case, output the phone number in the form `xxx-xxx-xxxx` to the screen.

Sample Input

```
5
88-SNOW-5555
519-888-4567
BUY-MORE-POP
416-PIZZA-BOX
5059381123
```

Sample Output

```
887-669-5555
519-888-4567
289-667-3767
416-749-9226
505-938-1123
```