

CCC '05 S1 - Snow Calls

2005 Canadian Computing Competition, 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.

Often times, 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 alpha-numeric 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
```

CCC problem statements in large part from the [PEG OJ](#)