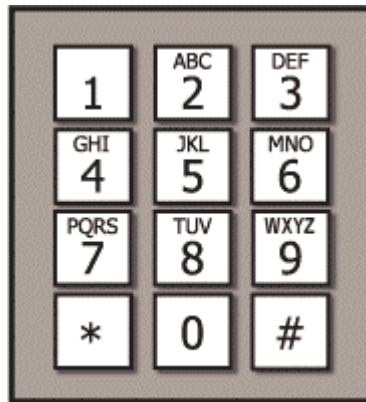


Snow Calls

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

The user will provide input that contains the count of phone numbers to be converted, n . The acceptable range of values for n is 1 to 10, inclusive. Invalid input should be ignored, and the prompt should be repeated.

The user will then enter n phone numbers to convert. You may assume that only digits, dashes, and uppercase letters will be provided.

Output Specification

As each number is provided, your program will output each phone number in the form `xxx-xxx-xxxx`.

Sample Session (output in **bold**, input is regular text)

```
How many phone numbers will be provided?
five
How many phone numbers will be provided?
5
Enter phone number 1:
BUY-MORE-POP
This is 289-667-3767.
Enter phone number 2:
416-PIZZA-BOX
This is 416-749-9226.
Enter phone number 3:
5059381123
This is 505-938-1123
Enter phone number 4:
88-SNOW-5555
This is 887-669-5555.
Enter phone number 5:
519-888-4567
This is 519-888-4567.
```