**Secret Message Decryption**

You are a RAW agent on a secret mission and you have to share very critical information with your team. It has to be a secret message as you can’t afford anyone else to understand even if they get access to it. You’ve sent your message and later got a reply from your team. Now that is also a secret encrypted message, which you will have to decrypt now.

**Problem Description**

You’ve to write a code which converts the actual secret encrypted message into a simplified decrypted message by replacing each character of the string by the character exactly next to it. For instance, ‘B’ will be replaced with ’C’ and since there is no letter after ‘Z’ so it will be replaced with ‘A’. Same goes for the small letters as well, although the message has to be case sensitive. Make sure you don’t change any digit or special characters.

**Input Format**

The input is a single line of a single string containing space separated words.

**Output Format**

The corresponding output in the form of a single string is printed in the next line.

**Constraints**

0 <= (Length of string) <= 2147483647

**Sample Input**

Gdx sgdqd! H'l hm czmfdq

**Sample Output**

Hey there! I'm in danger

**Explanation**

Consider the word *Gdx* where *G*, *d* and *x* are replaced by their succeeding characters *H*, *e* and *y* respectively. Similarly the entire string has been decrypted into a meaningful message. Note that the symbols (!) and (‘) are left unchanged. Similarly you’ve to keep digits unchanged too.