

Hiding the Card Number

Your task is to write a program that takes a credit card number and only displays the last four characters. The rest of the card number must be replaced by `*****`.

Input

The first line of input contains the credit card number.

Output

The first line contains only the last four characters.

Sample input

Sample output

1234123456785678	*****5678
8754456321113213	*****3213
35123413355523	*****5523