

Unfortunately for our lazy “heroes”, the nuts were planted by an evil bear known as.. **Dave**, and they’ve fallen right into his trap. Dave is not just any bear, he’s a talking bear, but he can only understand sentences that are palindromes. While Larry was dazed and confused, Ryan figured this out, but need a way to make sure his sentences are palindromic. So he pulled out his trusty iPod, which thankfully have this program you wrote just for this purpose... or did you?



Input

You’ll be given many sentences. You have to determine if they are palindromes or not, ignoring case and punctuations. Every sentence will only contain the letters A-Z, a-z, ‘.’, ‘,’, ‘!’, ‘?’. The end of input will be a line containing the word ‘DONE’, which should not be processed.

Output

On each input, output ‘You won’t be eaten!’ if it is a palindrome, and ‘Uh oh..’ if it is not a palindrome.

Sample Input

```
Madam, Im adam!  
Roma tibi subito motibus ibit amor.  
Me so hungry!  
Si nummi immunis  
DONE
```

Sample Output

```
You won’t be eaten!  
You won’t be eaten!  
Uh oh..  
You won’t be eaten!
```