7 The arrival
3 points

Introduction

The YETI (Yet searching for Extra Terrestrial Intelligence) is receiving a signal from a remote solar system. The message is a long sequence containing characters and numbers and as you may imagine, it seems impossible to decipher...

But you have been asked to isolate the signal by splitting it into two sequences -- one with characters and another with numbers – in order to continue the investigation. Let's do it!

Input

The input will be a string containing characters and numbers with no spaces.

`0HELLO1WORLD2!3WE4CAME5FROM6A7GALAXY8FAR9FAR0AWAY`

Output

The program must output two strings. The first one contains all the characters except numbers and the second contains only numbers.

`HELLOWORLD!WECAMEFROMAGALAXYFARFARAWAY`

`01234567890`