

# Rohan hates Apple

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:         256 megabytes

Rohan is given the task of sending a mail to multiple email ids given to him in the form of an array of strings. He has to type all the email ids to send a mail to them.

However Rohan hates that Apple uses *i* in front of every product they make. Thus he decided that he doesn't care but he won't type the letter *i* ever.

Also his keyboard is somewhat broken and he is not able to type any digit (0 – 9) on it too.

Given these conditions you have to tell how many people will receive a mail from Rohan and also the maximum emails anyone got from Rohan.

**Note : Its not necessary for emails to follow \*@\*.com format, they can be simple strings like "ihello123, though only lower case letters"**

## Input

The first line contains a single integer  $n$  – ( $1 \leq n \leq 10^4$ )- denoting number of email ids given to Rohan  
There are  $n$  strings in each line then - ( $1 \leq \text{len}(\text{str}) \leq 100$ ) - denoting the email ids.

## Output

The first integer should denote the number of people that will get an email from Rohan.

The second integer should denote the maximum mails that anyone got from Rohan.

## Example

standard input	standard output
5 abci1@gmail.com abci2@gmail.com xyz@gmail.com xiiiiiyyiizii@gmail.com x123y123z123@gmail.com	2 3

## Note

The two email ids that received an email from him are : abc@gmail.com , xyz@gmail.com  
xyz@gmail.com received the mail 3 times , which is the max mails anyone got from Rohan.