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## Counting Letters

Input file:            `standard input`  
Output file:         `standard output`  
Time limit:          10 seconds  
Memory limit:       256 megabytes

Write a program that will ask for a word (any word) as input and provide the letters of that word as output, listing each letter only once and in the order in which the letters first appear in the word, but indicating after each letter how many times it appears in the word. Do not leave any spaces between letters and numbers.

### Examples

standard input	standard output
floor	f1l1l1o2r1
robot	r1o2b1t1