Problem

Problem Description

Input Format

1000 0

Output Format

$$k \qquad 0 \le k < 26$$

Sample Input 1

Sample Output 1

1 1	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	3
DEFGHIJKLMNOPQRSTUVWXYZABC	21
DLQXABXEEQMEUQYLZPEK	0
YGLSVWSZZLHZPLTGUKZF	
Z	
Z	