


### S. Good Number

time limit per test: 1 s.  
memory limit per test: 256 MB  
input: standard input  
output: standard output

A number is called  $k$ -good if it contains the digits from 0 to  $k$  at least once.  
Given an array  $a_1, a_2, \dots, a_n$ . Count the number of  $k$ -good numbers in the array.

#### Input

The first line contains integers  $n$  and  $k$  ( $1 \leq n \leq 100, 0 \leq k \leq 9$ ). The  $i$ -th of the following  $n$  lines contains integer  $a_i$  without leading zeroes ( $1 \leq a_i \leq 10^9$ ).

#### Output

Print a single integer — the number of  $k$ -good numbers in  $a$ .

#### Examples

input	Copy
10 6 1234560 1234560 1234560 1234560 1234560 1234560 1234560 1234560 1234560	
output	Copy
10	

input	Copy
2 1 1 10	
output	Copy
1	

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About Group



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About Group Contests

Sheet #10 (General Hard)

Sheet #9 (General medium)

Sheet #8 (General easy)

Sheet #7 (Recursion)

Sheet #6 (Math - Geometry)

Sheet #5 (Functions)

Sheet #4 (Strings)

Contest #3.1

Sheet #3 (Arrays)

Contest #2

Sheet #2 (Loops)


Contest #1

Sheet #1 (Data type - Conditions)

Sheet #8 (General easy)

Finished

Practice



About Time Scaling

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the [link](#).