



USACO 2016 DECEMBER CONTEST, BRONZE PROBLEM 3. THE COW-SIGNAL

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English (en) ▼

Bessie and her cow friends are playing as their favorite cow superheroes. Of course, everyone knows that any self-respecting superhero needs a signal to call them to action. Bessie has drawn a special signal on a sheet of $M \times N$ paper ($1 \leq M \leq 10, 1 \leq N \leq 10$), but this is too small, much too small! Bessie wants to amplify the signal so it is exactly K times bigger ($1 \leq K \leq 10$) in each direction.

The signal will consist only of the '.' and 'X' characters.

INPUT FORMAT (file cowsignal.in):

The first line of input contains M , N , and K , separated by spaces.

The next M lines each contain a length- N string, collectively describing the picture of the signal.

OUTPUT FORMAT (file cowsignal.out):

You should output KM lines, each with KN characters, giving a picture of the enlarged signal.

SAMPLE INPUT:

```
5 4 2
XXX.
X..X
XXX.
X..X
XXX.
```

SAMPLE OUTPUT:

```
XXXXXX. .
XXXXXX. .
XX...XX
XX...XX
XXXXXX. .
XXXXXX. .
XX...XX
XX...XX
XXXXXX. .
XXXXXX. .
```

Problem credits: Nathan Pinski

Contest has ended. No further submissions allowed.