CCC '12 J3 - Icon Scaling

Canadian Computing Competition: 2012 Stage 1, Junior #3

You have been asked to take a small icon that appears on the screen of a smart telephone and scale it up so it looks bigger on a regular computer screen.

The icon will be encoded as characters (`x` and `*`) in a 3×3 grid as follows:

```
*x*
 xx
* *
```

Write a program that accepts a positive integer scaling factor and outputs the scaled icon. A scaling factor of k means that each character is replaced by a $k \times k$ grid consisting only of that character.

Input Specification

The input will be a positive integer k such that $k < 25$.

Output Specification

The output will be $3k$ lines, which represent each individual line scaled by a factor of k and repeated k times. A line is scaled by a factor of k by replacing each character in the line with k copies of the character.

Sample Input

```
3
```

Output for Sample Input

```
***xxx***
***xxx***
***xxx***
   xxxxxx
   xxxxxx
   xxxxxx
***   ***
***   ***
***   ***
```