

One day, Reichen has this weird dream of him drawing trees by only input two numbers. When he input two numbers of N and H, the first number will give him numbers of trees that will be drawn. The second number will show how high the trees will be., the program will give him a certain image that sized NxN square with X inside of the square. After having that weird dream Reichen wake up and with curiosity, he ask you to help him to make the same program in his dream.

Format Input

Input will consist of an integer N which is the total of trees and H which is the height of the trees.

Format Output

Print the trees in Reichen's dream. Print newline after each test case.

Constraints

$1 \leq N \leq 5$

$3 \leq H \leq 10$

Example

Input : 2 3

```

      x           x
    x  x  x      x  x  x
  x  x  x  x  x  x  x  x  x  x  x
      x           x
      x           x
  
```

Input : 3 4

```

      x           x           x
    x  x  x      x  x  x      x  x  x
  x  x  x  x  x  x  x  x  x  x  x  x  x
x  x  x  x  x  x  x  x  x  x  x  x  x  x
      x           x           x
      x           x           x
      x           x           x
  
```