
6. Octagon Means Stop

Program Name: Octagon.java

Input File: octagon.dat

Nancy is making a series of posters to encourage students to stay away from drugs. She needs octagons of different sizes so she can put anti-drug information inside the octagon.

Input

The only line of input will contain an unknown number of positive integers in the range [5,15]. The integers will be separated by a single space.

Output

For each integer n input, you will print a regular octagon with each side of the octagon having n x's as shown below. Print a blank line after each octagon.

Example Input File

6 7

Example Output to Screen

```

      xxxxxx
     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
      xxxxxx

      xxxxxx
     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
      xxxxxx
```