

CCC '01 J1 - Dressing Up

Canadian Computing Competition: 2001 Stage 1, Junior #1

It is important to keep our computers safe and clean. Some people feel that computers should be well-dressed, also. For this question, you will write a program to print out a bow tie on the computer screen.

Your program should take as input the height H of the bow tie, where H is an odd positive integer greater than or equal to 5. A bow tie with H rows (and $2H$ columns) should then be printed using the pattern shown below in the sample output.

Input Specification

One line containing integer H . You may assume that all input data will be valid.

Sample Input 1

5

Sample Output 1

```
*      *
***    ***
*****
***    ***
*      *
```

Sample Input 2

7

Sample Output 2

```
*           *
***       ***
*****   *****
*****
*****
*****   *****
***       ***
*           *
```