

Problem 1

In this problem, you are given two numbers **H** (H will be an odd integer) and **W** as input. You are to output the corresponding shape. The output shape will have 2H lines. The initial two lines will have W stars. After that up to H+1 th line there will be an increase of W stars per two lines. After that until the end there would be a decrease of W stars per two lines.

Sample Input(s)	Corresponding Output(s)
3 2	* * * * * * * * * * * * * * * *
5 1	* * * * * * * * * * * * * * * * * *
5 5	* *
1 5	* * * * * * * * * *

Problem 2

In this problem, you are to continuously take an integer as input and output **the LCM of all the integers taken as input upto now** after each integer is taken as input. The program will return once the value of the LCM is greater than 10000. **You cannot use any other built in functions other than scanf() and printf(). You also cannot use array to solve this problem.**

Sample Input(s)	Corresponding Output(s)
5	LCM of all numbers up to now is 5
6	LCM of all numbers up to now is 30
10	LCM of all numbers up to now is 30
3	LCM of all numbers up to now is 30
12	LCM of all numbers up to now is 60
7	LCM of all numbers up to now is 420
19	LCM of all numbers up to now is 7980
21	LCM of all numbers up to now is 7980
26	LCM of all numbers up to now is 103740
3	LCM of all numbers up to now is 3
2	LCM of all numbers up to now is 6
57	LCM of all numbers up to now is 114
19	LCM of all numbers up to now is 114
121	LCM of all numbers up to now is 13794