Problem Q. Easy Square

Time limit 1000 ms

Mem limit 524288 kB

OS Windows

Given a number N. Print a square.

For more clarification see the example below.

Input

Only one line containing a number $(1 \le N \le 99)$.

Output

Print the answer according to the required above.

Examples

Input	Output
5	* * * * *
	* * * * *
	* * * * *
	* * * * *
	* * * * *