Multiplication table

Input file:	**standard input**
Output file:	**standard output**
Time limit:	1 second
Memory limit:	64 megabytes

Given a number N. Print the **maltiplication table** of the number from 1 to 12

For example: if $N = 1$

$$1 * 1 = 1$$
$$1 * 2 = 2$$
$$1 * 3 = 3$$
$$1 * 4 = 4$$
$$1 * 5 = 5$$
$$1 * 6 = 6$$
$$1 * 7 = 7$$
$$1 * 8 = 8$$
$$1 * 9 = 9$$
$$1 * 10 = 10$$
$$1 * 11 = 11$$
$$1 * 12 = 12$$

Input

Only one line containing a number N ($1 \leq N \leq 50$).

Output

Print **12** lines according to the required above.

Examples

standard input	standard output
1	1 * 1 = 1 1 * 2 = 2 1 * 3 = 3 1 * 4 = 4 1 * 5 = 5 1 * 6 = 6 1 * 7 = 7 1 * 8 = 8 1 * 9 = 9 1 * 10 = 10 1 * 11 = 11 1 * 12 = 12
2	2 * 1 = 2 2 * 2 = 4 2 * 3 = 6 2 * 4 = 8 2 * 5 = 10 2 * 6 = 12 2 * 7 = 14 2 * 8 = 16 2 * 9 = 18 2 * 10 = 20 2 * 11 = 22 2 * 12 = 24