

Nirmani's Star Patterns

Nirmani loves finding star patterns in the night sky. She started playing a game where on each night, she has to find a star pattern in the shape of a right-angled triangle. There has to be an equal number of stars in the two adjacent sides of the right angle.

On the first night (**$N=1$**), the goal is to find the star pattern with just one star. That is,

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On the second night (**$N=2$**),

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On the third night (**$N=3$**),

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On the 4th night (**$N=4$**),

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And so on...

She requested you to help her out by building a program that prints the star pattern she should find on the **N^{th}** night.

Input Format

A single integer **N** , indicating the **N^{th}** night.

Constraints

- $1 \leq N \leq 1000$

Output Format

A star pattern in the shape of a right-angled triangle aligned to the left, with **N** rows, where the last row contains **N** stars. You must not include any spaces between stars in the same row.

Sample Input 0

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4

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Sample Output 0

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Sample Input 1

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7
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Sample Output 1

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*****
*****
*****
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