Begin: 2023-07-17 **Training Contest 03 End:** 2023-07-23 22:30 BST 00:00 BST **Elapsed:** 2:38:50 Running **Remaining:** 4:22:51:09 Overview Problem Status Rank (2:38:49) 0 Comments ☆Favorite Setting В C D E G Η Ι J K L M N 0 **\$** Submit My Status Status ☑ PDF **Translate Time limit** 1000 ms **Mem limit** 262144 kB

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Twilight Sparkle once got a crystal from the Crystal Mine. A crystal of size n (n is odd; n > 1) is an $n \times n$ matrix with a diamond inscribed into it.

You are given an odd integer n. You need to draw a crystal of size n. The diamond cells of the matrix should be represented by character " \triangleright ". All other cells of the matrix should be represented by character " \ast ". Look at the examples to understand what you need to draw.

Input

The only line contains an integer n ($3 \le n \le 101$; n is odd).

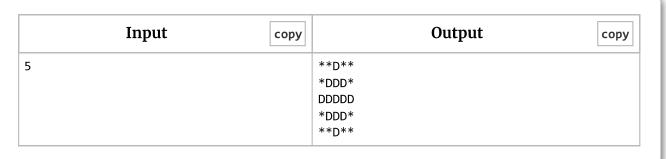
Output

Output a crystal of size *n*.

Sample 1

	Input	сору	Output	сору
3			*D* DDD *D*	

Sample 2



Sample 3



7/18/23, 1:08 AM	Training Contest 03 - Virtual Judge	
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