

Begin: 2023-07-17
22:30 BST

Training Contest 03

End: 2023-07-23
00:00 BST

Elapsed: 2:38:50

Running

Remaining:
4:22:51:09

Overview

Problem

Status

Rank (2:38:49)

0 Comments

Setting


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A B C D E F G H I J K L M N O P

 Submit

Status

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 Translate

 PDF

Time limit

1000 ms

Mem limit

262144 kB

A - A



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 "D". All other cells of the matrix should be represented by character "*". Look at the examples to understand what you need to draw.

Input

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

Output

Output a crystal of size n .

Sample 1

Input	copy	Output	copy
3		*D* DDD *D*	

Sample 2

Input	copy	Output	copy
5		**D** *DDD* DDDDD *DDD* **D**	

Sample 3

Input	copy	Output	copy
7		***D***	

```
**DDD**
*DDDDD*
DDDDDDD
*DDDDD*
**DDD**
***D***
```



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Server Time: 2023-07-18 01:08:50 BST

