

## A. Little Pony and Crystal Mine

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

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  $n$ .

### Examples

<b>input</b>
3
<b>output</b>
<pre>*D* DDD *D*</pre>
<b>input</b>
5
<b>output</b>
<pre>**D** *DDD* DDDDD *DDD* **D**</pre>
<b>input</b>
7
<b>output</b>
<pre>***D*** **DDD** *DDDDD* DDDDDDD *DDDDD* **DDD** ***D***</pre>

### Codeforces Round #259 (Div. 2)

Finished

### → Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.


Start virtual contest

### → Problem tags

implementation

No tag edit access

### → Contest materials

- Announcement 
- Tutorial 