

Plus Within a diamond

Write a program that prints a diamond with a plus within it, given the integer height of the diamond.

The outer-most shape is a normal diamond shape, the middle row of the shape will be a row filled with stars (making the horizontal dash of the plus sign), and in all the remaining rows the middle element of that row will have a star (making the vertical dash of the plus sign).

Observe the following examples:

For $n=11$, the output will look like:

```
  *
 ***
* * *
* * *
* * *
*****
* * *
* * *
* * *
***
*
```

For $n=7$, the output will look like:

```
  *
 ***
* * *
*****
* * *
***
*
```

For $n=3$, the output will look like:

```
  *
 ***
  *
```

For $n=1$, the output will look like:

```
*
```

Only consider odd sizes.