Text Alignment

In Python, a string of text can be aligned *left, right* and *center*.

.ljust(width)

This method returns a left aligned string of length *width*.

```
>>> width = 20
>>> print 'HackerRank'.ljust(width,'-')
HackerRank----------
```

.center(width)

This method returns a centered string of length *width*.

```
>>> width = 20
>>> print 'HackerRank'.center(width,'-')
-----HackerRank-----
```

.rjust(width)

This method returns a right aligned string of length *width*.

```
>>> width = 20
>>> print 'HackerRank'.rjust(width,'-')
----------HackerRank
```

Task

You are given a partial code that is used for generating the *HackerRank Logo* of variable *thickness*. Your task is to replace the blank (_____) with *rjust, ljust* or *center*.

Input Format

A single line containing the *thickness* value for the logo.

Constraints

The *thickness* must be an *odd* number.
$0 < thickness < 50$

Output Format

Output the desired logo.

Sample Input

```
5
```

Sample Output

```
        H
       HHH
      HHHHH
     HHHHHHH
    HHHHHHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
    HHHHHHHHHHHHHHHHHHHHHHHHHHHHH
    HHHHHHHHHHHHHHHHHHHHHHHHHHHHH
    HHHHHHHHHHHHHHHHHHHHHHHHHHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
     HHHHH                 HHHHH
                       HHHHHHHHH
                        HHHHHHH
                         HHHHH
                          HHH
                           H
```