Text Alignment

Problem Submissions

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 c[illegible]ng of length *width*.

Solved: 716
Attempted: 722

```
>>> 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
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   HHHHH                  HHHHH
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                        HHHHHHHHH
                       HHHHHHHH
                        HHHHHH
                         HHH
                          H
```

Contest ends in 1 day 6 hours 17 minutes 14 seconds

Submissions: 617
Max Score: 50

Rate This Challenge:

More

Current Buffer (saved locally, editable)

Python 3

```
1  thickness = int(input()) #This must be an odd number
2  c = 'H'
3
4  #Top Cone
5  for i in range(thickness):
6      print((c*i).rjust(thickness-1)+c+(c*i).ljust(thickness-1))
7
8  #Top Pillars
9  for i in range(thickness+1):
10     print((c*thickness).center(thickness*2)+(c*thickness).center(thickness*6))
11
12 #Middle Belt
13 for i in range((thickness+1)//2):
14     print((c*thickness*5).center(thickness*6))
15
16 #Bottom Pillars
17 for i in range(thickness+1):
18     print((c*thickness).center(thickness*2)+(c*thickness).center(thickness*6))
19
20 #Bottom Cone
21 for i in range(thickness):
22     print(((c*(thickness-i-1)).rjust(thickness)+c+(c*(thickness-i-
   1)).ljust(thickness)).rjust(thickness*6))
```

Line: 22 Col: 108

Upload Code as File Test against custom input Run Code Submit Code