Text Alignment ★

Your **Text Alignment** submission got 10.00 points.   Share   Tweet

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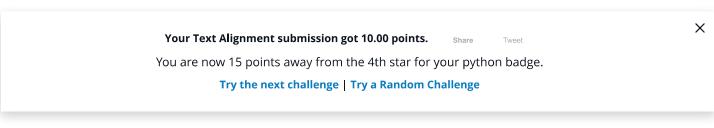**Try the next challenge** | **Try a Random Challenge**

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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
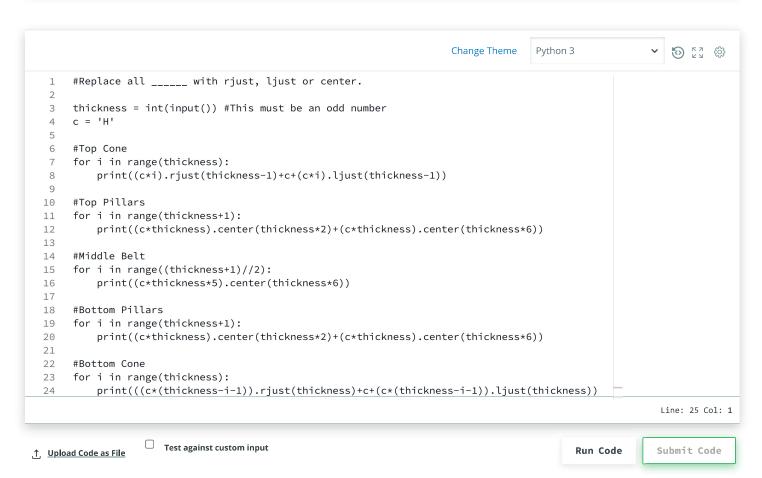
The thickness must be an odd number.

$0 < thickness < 50$

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
    HHHHHHHHHHHHHHHHHHHHHHHHHHH
    HHHHHHHHHHHHHHHHHHHHHHHHHHH
    HHHHHHHHHHHHHHHHHHHHHHHHHHH
    HHHHH               HHHHH
    HHHHH               HHHHH
    HHHHH               HHHHH
    HHHHH               HHHHH
    HHHHH               HHHHH
    HHHHH               HHHHH
                  HHHHHHHHH
                   HHHHHHH
                    HHHHH
                     HHH
                      H
```

Change Theme   Python 3 ▾

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

Line: 25 Col: 1

⬆ **Upload Code as File**   ☐ **Test against custom input**   **Run Code**   **Submit Code**

You have earned 10.00 points!

You are now 15 points away from the 4th star for your python badge.

86%　　　　　　　　　　　　　205/220

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Earn a certificate in Python

Kudos on your progress! Take the HackerRank Skills Certification test and enrich your profile

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⊘ **Test case 0**	
⊘ **Test case 1** 🔒	
⊘ **Test case 2** 🔒	
⊘ **Test case 3** 🔒	
⊘ **Test case 4** 🔒	
⊘ **Test case 5** 🔒	

Compiler Message

Success

Input (stdin)　　　　　　　　　　　　　　Download

```
1    5
```

Expected Output　　　　　　　　　　　　Download

```
1            H
2           HHH
3          HHHHH
4         HHHHHHH
5        HHHHHHHHH
6          HHHHH              HHHHH
```