## Problem

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.

**Output Format**

Output the desired logo.

**Sample Input**

5

**Sample Output**

H

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## Solution

#Replace all \_\_\_\_\_\_ with rjust, ljust or center.

thickness = int(input()) #This must be an odd number

c = 'H'

#Top Cone

for i in range(thickness):

    print((c\*i).rjust(thickness-1)+c+(c\*i).ljust(thickness-1))

#Top Pillars

for i in range(thickness+1):

    print((c\*thickness).center(thickness\*2)+(c\*thickness).center(thickness\*6))

#Middle Belt

for i in range((thickness+1)//2):

    print((c\*thickness\*5).center(thickness\*6))

#Bottom Pillars

for i in range(thickness+1):

    print((c\*thickness).center(thickness\*2)+(c\*thickness).center(thickness\*6))

#Bottom Cone

for i in range(thickness):

    print(((c\*(thickness-i-1)).rjust(thickness)+c+(c\*(thickness-i-1)).ljust(thickness)).rjust(thickness\*6))