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## **Centered Hexagonal Number**

Published by Matt in Java ▼

complete formatting numbers strings

As stated on the On-Line Encyclopedia of Integer Sequences:

The hexagonal lattice is the familiar 2-dimensional lattice in which each point has 6 neighbors.

A centered hexagonal number is a centered figurate number that represents a hexagon with a dot in the center and all other dots surrounding the center dot in a hexagonal lattice.

At the end of that web page the following illustration is shown:

Illustration of initial terms:

0 7 19 37



Ctrl + Enter to check code.

Continue

Console

Write a function that takes an integer n and returns "Invalid" if n is not a centered hexagonal number or its illustration as a multiline rectangular string otherwise.

## **Examples**

## **Notes**

N/A

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