



# Weird pyramid



XBITS

27 july 2023

## The problem:

Write a Python script to calculate the maximum height of a pyramid made from a given number of boxes. The pyramid is made up of rows, with each row containing one more box than the row below it.

Here is a brief explanation of the problem:

- The pyramid is made up of rows.
- Each row contains one more box than the row below it.
- The height of the pyramid is the number of rows in the pyramid.

The script should take the number of boxes as input and return the maximum height of the pyramid that can be built.

With 6 boxes the height can go to 3 stage so  $H = 3$

Thanks and best wishes,

Sahraoui mohammed.  
Ethical hacker and future security  
researcher **incha allah.**



*Sahraoui Mohammed*