

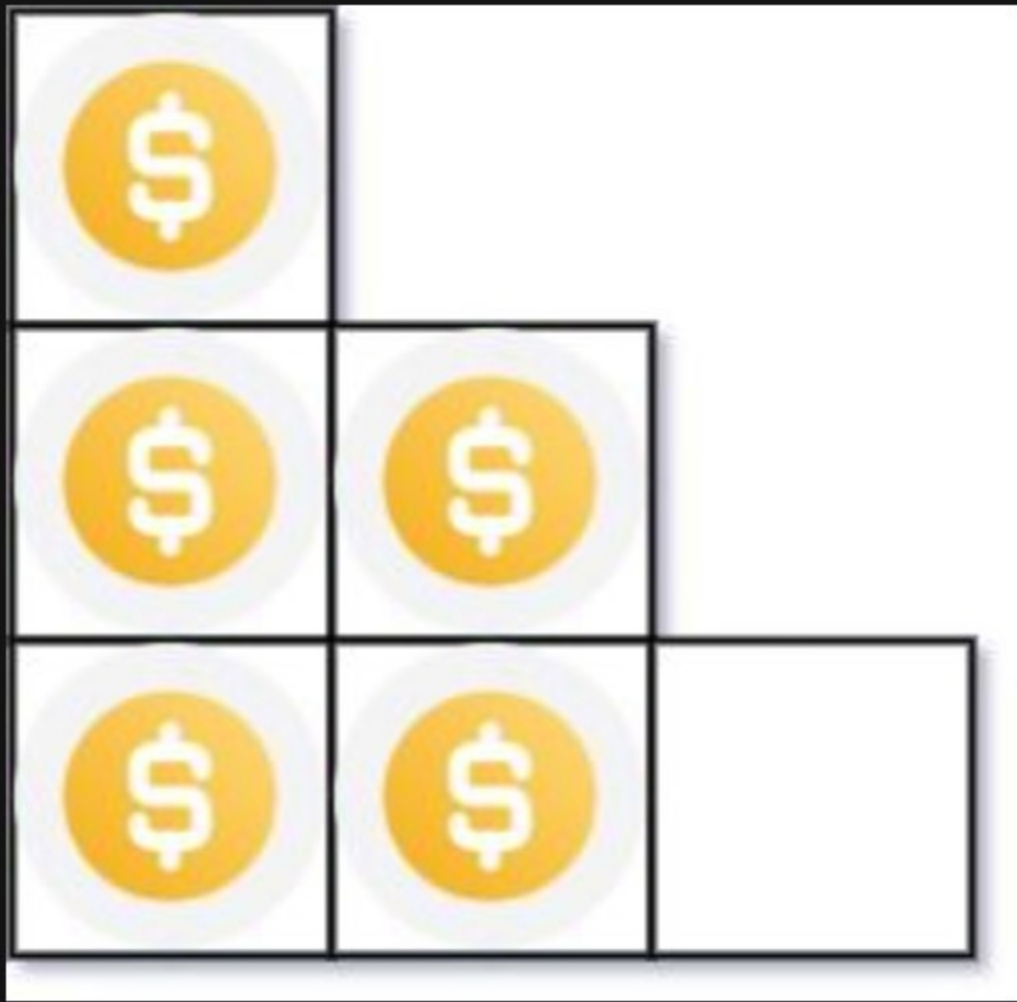
# 441. Arranging Coins

## Description

You have `n` coins and you want to build a staircase with these coins. The staircase consists of `k` rows where the `ith` row has exactly `i` coins. The last row of the staircase **may be** incomplete.

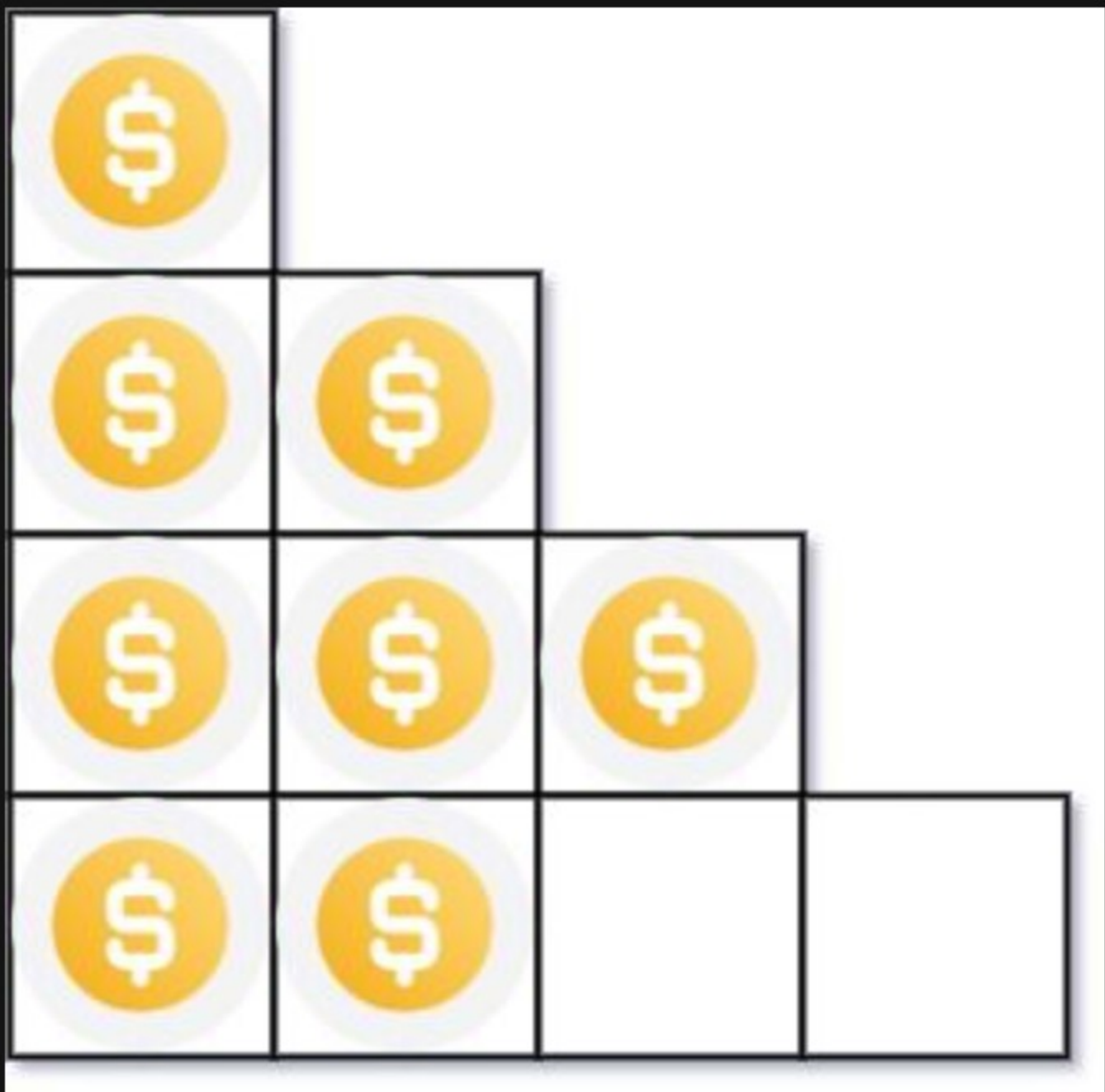
Given the integer `n`, return *the number of **complete rows** of the staircase you will build*.

### Example 1:



**Input:** `n = 5`  
**Output:** `2`  
**Explanation:** Because the 3<sup>rd</sup> row is incomplete, we return 2.

### Example 2:



**Input:** `n = 8`  
**Output:** `3`  
**Explanation:** Because the 4<sup>th</sup> row is incomplete, we return 3.

### Constraints:

- `1 <= n <= 231 - 1`

