

Description

Solution

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Submissions

441. Arranging Coins

Easy

2087

1003

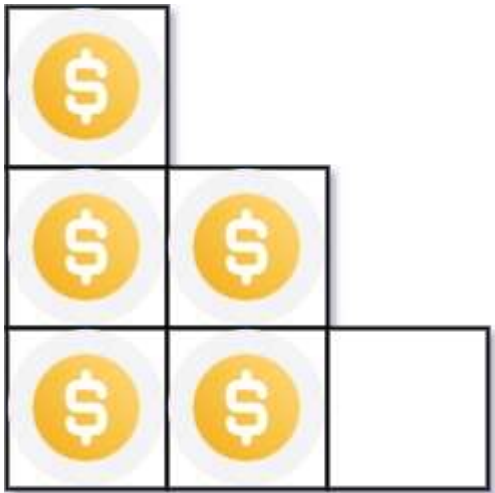
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You have n coins and you want to build a staircase with these coins. The staircase consists of k rows where the i^{th} row has exactly i coins. The last row of the staircase **may be** incomplete.

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 3rd row is incomplete, we return 2.

Example 2:

Java

Autocomplete

```
1 class Solution {
2     public int arrangeCoins( int n ) {
3         return (int)(Math.sqrt(2 * (long)n + 0.25) -
4             0.5);
5     }
}
```

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