

441. Arranging Coins

Easy

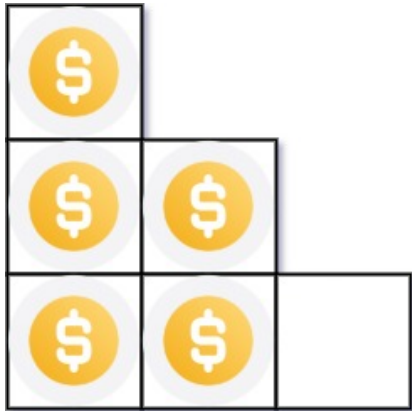
Topics

Companies

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.

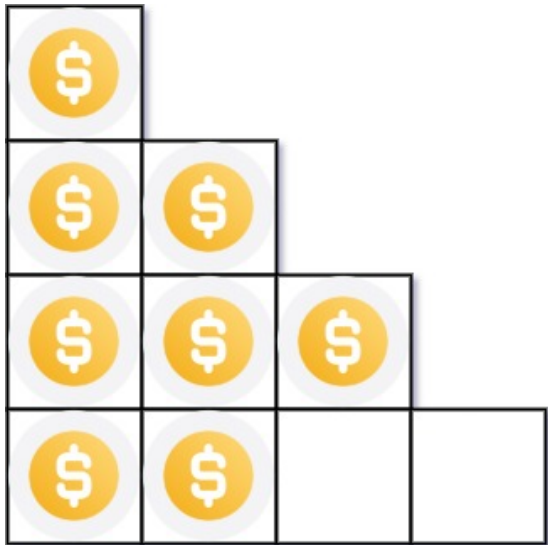
Given the integer n , return *the number of **complete rows** of the staircase you will build.*

Example 1:



Input: $n = 5$
Output: 2
Explanation: Because the 3rd row is incomplete, we return 2.

Example 2:



Input: $n = 8$
Output: 3
Explanation: Because the 4th row is incomplete, we return 3.

Constraints:

- $1 \leq n \leq 2^{31} - 1$

Seen this question in a real interview before? 1/4

Yes

No

Accepted 416.6K

Submissions 896.6K

Acceptance Rate 46.5%

Topics