829. Consecutive Numbers Sum

Description

Given an integer `n`, return *the number of ways you can write* `n` *as the sum of consecutive positive integers.*

Example 1:

```
Input: n = 5
Output: 2
Explanation: 5 = 2 + 3
```

Example 2:

```
Input: n = 9
Output: 3
Explanation: 9 = 4 + 5 = 2 + 3 + 4
```

Example 3:

```
Input: n = 15
Output: 4
Explanation: 15 = 8 + 7 = 4 + 5 + 6 = 1 + 2 + 3 + 4 + 5
```

Constraints:

- `1 <= n <= 10^9`