1936. Add Minimum Number of Rungs

Description

You are given a **strictly increasing** integer array `rungs` that represents the **height** of rungs on a ladder. You are currently on the **floor** at height `0`, and you want to reach the last rung.

You are also given an integer `dist`. You can only climb to the next highest rung if the distance between where you are currently at (the floor or on a rung) and the next rung is **at most** `dist`. You are able to insert rungs at any positive **integer** height if a rung is not already there.

Return *the **minimum** number of rungs that must be added to the ladder in order for you to climb to the last rung.*

Example 1:

```
Input: rungs = [1,3,5,10], dist = 2
Output: 2
Explanation:
You currently cannot reach the last rung.
Add rungs at heights 7 and 8 to climb this ladder.
The ladder will now have rungs at [1,3,5,7,8,10].
```

Example 2:

```
Input: rungs = [3,6,8,10], dist = 3
Output: 0
Explanation:
This ladder can be climbed without adding additional rungs.
```

Example 3:

```
Input: rungs = [3,4,6,7], dist = 2
Output: 1
Explanation:
You currently cannot reach the first rung from the ground.
Add a rung at height 1 to climb this ladder.
The ladder will now have rungs at [1,3,4,6,7].
```

Constraints:

- `1 <= rungs.length <= 10^5`
- `1 <= rungs[i] <= 10^9`
- `1 <= dist <= 10^9`
- `rungs` is **strictly increasing**.