Minimum Moves to Reach Target Score

You are playing a game with integers. You start with the integer 1 and you want to reach the integer target.

In one move, you can either:

- Increment the current integer by one (i.e., x = x + 1).
- Double the current integer (i.e., x = 2 * x).

You can use the increment operation any number of times, however, you can only use the double operation at most maxDoubles times.

Given the two integers target and maxDoubles, return *the minimum number of moves needed to reach* target *starting with* 1.

Example 1:

Input: target = 5, maxDoubles = 0

Output: 4

Explanation: Keep incrementing by 1 until you reach target.

Example 2:

Input: target = 19, maxDoubles = 2

Output: 7

Explanation: Initially, x = 1

Increment 3 times so x = 4

Double once so x = 8

Increment once so x = 9

Double again so x = 18

Increment once so x = 19

Example 3:

Input: target = 10, maxDoubles = 4

Output: 4

Explanation: Initially, x = 1

Increment once so x = 2

Double once so x = 4

Increment once so x = 5

Double again so x = 10

Constraints:

- 1 <= target <= 10^9
- 0 <= maxDoubles <= 100