

2001. Jump Game VII

Difficulty : Medium

<https://leetcode.com/problems/jump-game-vii>

You are given a **0-indexed** binary string s and two integers minJump and maxJump . In the beginning, you are standing at index 0 , which is equal to $'0'$. You can move from index i to index j if the following conditions are fulfilled:

- $i + \text{minJump} \leq j \leq \min(i + \text{maxJump}, s.\text{length} - 1)$, and
- $s[j] == '0'$.

Return `true` *if you can reach index $s.\text{length} - 1$ in s , or false otherwise.*

Example 1:

Input: $s = "011010"$, $\text{minJump} = 2$, $\text{maxJump} = 3$

Output: `true`

Explanation:

In the first step, move from index 0 to index 3 .

In the second step, move from index 3 to index 5 .

Example 2:

Input: $s = "01101110"$, $\text{minJump} = 2$, $\text{maxJump} = 3$

Output: `false`

Constraints:

- $2 \leq s.\text{length} \leq 10^5$
- $s[i]$ is either $'0'$ or $'1'$.
- $s[0] == '0'$
- $1 \leq \text{minJump} \leq \text{maxJump} < s.\text{length}$