Given an array A of 0s and 1s, we may change up to K values from 0 to 1.

Return the length of the longest (contiguous) subarray that contains only 1s.

**Example 1:**

**Input:** A = [1,1,1,0,0,0,1,1,1,1,0], K = 2

**Output:** 6

**Explanation:**

[1,1,1,0,0,**1**,1,1,1,1,**1**]

Bolded numbers were flipped from 0 to 1. The longest subarray is underlined.

**Example 2:**

**Input:** A = [0,0,1,1,0,0,1,1,1,0,1,1,0,0,0,1,1,1,1], K = 3

**Output:** 10

**Explanation:**

[0,0,1,1,**1**,**1**,1,1,1,**1**,1,1,0,0,0,1,1,1,1]

Bolded numbers were flipped from 0 to 1. The longest subarray is underlined.

**Note:**

1. 1 <= A.length <= 20000
2. 0 <= K <= A.length
3. A[i] is 0 or 1