Given an array A of integers, a *ramp* is a tuple (i, j) for which i < j and A[i] <= A[j].  The width of such a ramp is j - i.

Find the maximum width of a ramp in A.  If one doesn't exist, return 0.

**Example 1:**

**Input:** [6,0,8,2,1,5]

**Output:** 4

**Explanation:**

The maximum width ramp is achieved at (i, j) = (1, 5): A[1] = 0 and A[5] = 5.

**Example 2:**

**Input:** [9,8,1,0,1,9,4,0,4,1]

**Output:** 7

**Explanation:**

The maximum width ramp is achieved at (i, j) = (2, 9): A[2] = 1 and A[9] = 1.

**Note:**

1. 2 <= A.length <= 50000
2. 0 <= A[i] <= 50000