

2107. Number of Unique Flavors After Sharing K Candies Premium

Solved ●

Medium  Topics  Companies  Hint

You are given a **0-indexed** integer array `candies`, where `candies[i]` represents the flavor of the i^{th} candy. Your mom wants you to share these candies with your little sister by giving her `k` **consecutive** candies, but you want to keep as many flavors of candies as possible.

Return the **maximum** number of **unique** flavors of candy you can keep after sharing with your sister.

Example 1:

Input: `candies = [1,2,2,3,4,3]`, `k = 3`**Output:** 3**Explanation:**Give the candies in the range `[1, 3]` (inclusive) with flavors `[2,2,3]`.You can eat candies with flavors `[1,4,3]`.

There are 3 unique flavors, so return 3.

Example 2:

Input: `candies = [2,2,2,2,3,3]`, `k = 2`**Output:** 2**Explanation:**Give the candies in the range `[3, 4]` (inclusive) with flavors `[2,3]`.You can eat candies with flavors `[2,2,2,3]`.

There are 2 unique flavors, so return 2.

Note that you can also share the candies with flavors `[2,2]` and eat the candies with flavors `[2,2,3,3]`.

Example 3:

Input: `candies = [2,4,5]`, `k = 0`**Output:** 3**Explanation:**

You do not have to give any candies.

You can eat the candies with flavors `[2,4,5]`.

There are 3 unique flavors, so return 3.

Constraints:

- $1 \leq \text{candies.length} \leq 10^5$
- $1 \leq \text{candies}[i] \leq 10^5$
- $0 \leq k \leq \text{candies.length}$

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Yes No

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