Mice and Cheese

There are two mice and n different types of cheese, each type of cheese should be eaten by exactly one mouse.

A point of the cheese with index i (**0-indexed**) is:

- reward1[i] if the first mouse eats it.
- reward2[i] if the second mouse eats it.

You are given a positive integer array reward1, a positive integer array reward2, and a non-negative integer k.

Return ***the maximum*** *points the mice can achieve if the first mouse eats exactly* k *types of cheese.*

Example 1:

Input: reward1 = [1,1,3,4], reward2 = [4,4,1,1], k = 2

Output: 15

Explanation: In this example, the first mouse eats the 2^{nd} (0-indexed) and the 3^{rd} types of cheese, and the second mouse eats the 0^{th} and the 1^{st} types of cheese.

The total points are 4 + 4 + 3 + 4 = 15.

It can be proven that 15 is the maximum total points that the mice can achieve.

Example 2:

Input: reward1 = [1,1], reward2 = [1,1], k = 2

Output: 2

Explanation: In this example, the first mouse eats the 0^{th} (0-indexed) and 1^{st} types of cheese, and the second mouse does not eat any cheese.

The total points are 1 + 1 = 2.

It can be proven that 2 is the maximum total points that the mice can achieve.

Constraints:

- 1 <= n == reward1.length == reward2.length <= 10^5
- 1 <= reward1[i], reward2[i] <= 1000
- 0 <= k <= n