1052. Grumpy Bookstore Owner

Description

There is a bookstore owner that has a store open for `n` minutes. Every minute, some number of customers enter the store. You are given an integer array `customers` of length `n` where `customers[i]` is the number of the customer that enters the store at the start of the `i th` minute and all those customers leave after the end of that minute.

On some minutes, the bookstore owner is grumpy. You are given a binary array grumpy where `grumpy[i]` is `1` if the bookstore owner is grumpy during the `i th` minute, and is `0` otherwise.

When the bookstore owner is grumpy, the customers of that minute are not satisfied, otherwise, they are satisfied.

The bookstore owner knows a secret technique to keep themselves not grumpy for `minutes` consecutive minutes, but can only use it once.

Return *the maximum number of customers that can be satisfied throughout the day*.

Example 1:

```
Input: customers = [1,0,1,2,1,1,7,5], grumpy = [0,1,0,1,0,1,0,1], minutes = 3
Output: 16
Explanation: The bookstore owner keeps themselves not grumpy for the last 3 minutes.
The maximum number of customers that can be satisfied = 1 + 1 + 1 + 1 + 7 + 5 = 16.
```

Example 2:

```
Input: customers = [1], grumpy = [0], minutes = 1
Output: 1
```

Constraints:

- `n == customers.length == grumpy.length`
- `1 <= minutes <= n <= 2 * 10 4`
- `0 <= customers[i] <= 1000`
- `grumpy[i]` is either `0` or `1`.