1744. Can You Eat Your Favorite Candy on Your Favorite Day

Description

You are given a **(0-indexed)** array of positive integers `candiesCount` where `candiesCount[i]` represents the number of candies of the `i th` type you have. You are also given a 2D array `queries` where `queries[i] = [favoriteType i , favoriteDay i , dailyCap i ]`.

You play a game with the following rules:

- You start eating candies on day `0`.
- You **cannot** eat **any** candy of type `i` unless you have eaten **all** candies of type `i - 1`.
- You must eat **at least** **one** candy per day until you have eaten all the candies.

Construct a boolean array `answer` such that `answer.length == queries.length` and `answer[i]` is `true` if you can eat a candy of type `favoriteType i` on day `favoriteDay i` without eating **more than** `dailyCap i` candies on **any** day, and `false` otherwise. Note that you can eat different types of candy on the same day, provided that you follow rule 2.

Return *the constructed array* `answer`.

Example 1:

```
Input: candiesCount = [7,4,5,3,8], queries = [[0,2,2],[4,2,4],[2,13,1000000000]]
Output: [true,false,true]
Explanation:
1- If you eat 2 candies (type 0) on day 0 and 2 candies (type 0) on day 1, you will eat a candy of type 0 on day 2.
2- You can eat at most 4 candies each day.
   If you eat 4 candies every day, you will eat 4 candies (type 0) on day 0 and 4 candies (type 0 and type 1) on day 1.
   On day 2, you can only eat 4 candies (type 1 and type 2), so you cannot eat a candy of type 4 on day 2.
3- If you eat 1 candy each day, you will eat a candy of type 2 on day 13.
```

Example 2:

```
Input: candiesCount = [5,2,6,4,1], queries = [[3,1,2],[4,10,3],[3,10,100],[4,100,30],[1,3,1]]
Output: [false,true,true,false,false]
```

Constraints:

- `1 <= candiesCount.length <= 10 5`
- `1 <= candiesCount[i] <= 10 5`
- `1 <= queries.length <= 10 5`
- `queries[i].length == 3`
- `0 <= favoriteType i < candiesCount.length`
- `0 <= favoriteDay i <= 10 9`
- `1 <= dailyCap i <= 10 9`