

LeetCode

Day-06 Q-01: Kids With the Greatest Number of Candies

Given the array `candies` and the integer `extraCandies`, where `candies[i]` represents the number of candies that the *ith* kid has.

For each kid check if there is a way to distribute `extraCandies` among the kids such that he or she can have the **greatest** number of candies among them. Notice that multiple kids can have the **greatest** number of candies.

Example 1:

Input: `candies = [2,3,5,1,3]`, `extraCandies = 3`

Output: `[true,true,true,false,true]`

Explanation:

Kid 1 has 2 candies and if he or she receives all extra candies (3) will have 5 candies --- the greatest number of candies among the kids.

Kid 2 has 3 candies and if he or she receives at least 2 extra candies will have the greatest number of candies among the kids.

Kid 3 has 5 candies and this is already the greatest number of candies among the kids.

Kid 4 has 1 candy and even if he or she receives all extra candies will only have 4 candies.

Kid 5 has 3 candies and if he or she receives at least 2 extra candies will have the greatest number of candies among the kids.

Example 2:

Input: `candies = [4,2,1,1,2]`, `extraCandies = 1`

Output: `[true,false,false,false,false]`

Explanation: There is only 1 extra candy, therefore only kid 1 will have the greatest number of candies among the kids regardless of who takes the extra candy.

Example 3:

Input: `candies = [12,1,12]`, `extraCandies = 10`

Output: `[true,false,true]`

Constraints:

- `2 <= candies.length <= 100`
- `1 <= candies[i] <= 100`
- `1 <= extraCandies <= 50`