Question: https://leetcode.com/problems/candy/

So since the base case is that each student will get 1 candy, fill the candy array with 1.

Now go on checking from left to right and give each child with rating greater than left adjacent child a greater candy than the left child.

Do the same while travelling right to left.

Now you have the candy array, it's sumation is the answer.

Code:

public class Solution {

public int candy(int[] ratings) {

int[] candies = new int[ratings.length];

Arrays.fill(candies, 1);

for (int i = 1; i < ratings.length; i++) {

if (ratings[i] > ratings[i - 1]) {

candies[i] = candies[i - 1] + 1;

}

}

int sum = candies[ratings.length - 1];

for (int i = ratings.length - 2; i >= 0; i--) {

if (ratings[i] > ratings[i + 1]) {

candies[i] = Math.max(candies[i], candies[i + 1] + 1);

}

sum += candies[i];

}

return sum;

}

}

Github Link :<https://lnkd.in/ecwtJeaz>