Problem Link:

<https://leetcode.com/problems/candy/?envType=daily-question&envId=2025-06-02>

Solution:

class Solution {

public:

int candy(vector<int>& ratings) {

int n = ratings.size();

vector<int> candies(n, 1);

for(int i = 1; i < n; ++i)

{

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

{

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

}

}

for(int i = n - 2; i >= 0; --i)

{

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

{

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

}

}

int total = 0;

for(int candy : candies)

{

total += candy;

}

return total;

}

};