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135. Candy

Hard   👍 4238   👎 300   ♡ Add to List   �度 Share

There are `n` children standing in a line. Each child is assigned a rating value given in the integer array `ratings`.

You are giving candies to these children subjected to the following requirements:

- Each child must have at least one candy.
- Children with a higher rating get more candies than their neighbors.

Return *the minimum number of candies you need to have to distribute the candies to the children.*

Example 1:

```
Input: ratings = [1,0,2]
Output: 5
Explanation: You can allocate to the first, second and third child with 2, 1, 2
candies respectively.
```

Example 2:

```
Input: ratings = [1,2,2]
Output: 4
Explanation: You can allocate to the first, second and third child with 1, 2, 1
candies respectively.
The third child gets 1 candy because it satisfies the above two conditions.
```

Constraints:

- `n == ratings.length`
- $1 <= n <= 2 * 10^4$
- $0 <= ratings[i] <= 2 * 10^4$

Accepted   260,651   Submissions   656,116

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```java
class Solution {
    public int candy(int[] ratings) {

    }
}
```

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