455. Assign Cookies

Solved ⊘

Easy   ◇ Topics   🔒 Companies

Assume you are an awesome parent and want to give your children some cookies. But, you should give each child at most one cookie.

Each child `i` has a greed factor `g[i]`, which is the minimum size of a cookie that the child will be content with; and each cookie `j` has a size `s[j]`. If `s[j] >= g[i]`, we can assign the cookie `j` to the child `i`, and the child `i` will be content. Your goal is to maximize the number of your content children and output the maximum number.

Example 1:

```
Input: g = [1,2,3], s = [1,1]
Output: 1
Explanation: You have 3 children and 2 cookies. The greed factors of 3
children are 1, 2, 3.
And even though you have 2 cookies, since their size is both 1, you could
only make the child whose greed factor is 1 content.
You need to output 1.
```

```swift
class Solution {
    func findContentChildren(_ g: [Int], _ s: [Int]) -> Int {
        let gg = g.sorted()
        let ss = s.sorted()

        var ans = 0
        var i = 0
        var j = 0

        while(i < gg.count && j < ss.count) {
            if(ss[j] >= gg[i]) {
                i = i + 1
                j = j + 1
                ans = ans + 1
            } else {
                j = j + 1
            }
        }
        return ans
    }
}
```