#15 Days of Coding Challenge
#Day 15

Assign cookies
#Leetcode 455

Solution:

```cpp
class Solution {
public:
    int findContentChildren(vector<int>& g, vector<int>& s) {
        sort(s.begin(), s.end());
        sort(g.begin(), g.end());

        int is = 0;
        int ig = 0;

        int ng = g.size();
        int ns = s.size();

        int ans = 0;

        while(is<ns && ig< ng){
            if(g[ig] <= s[is]){
                ans++;
                ig++; is++;
            }
            else{
                is++;
            }
        }
        return ans;
    }
};
```

Time Complexity: O(n log n + m log m)

Space complexity: O(1)