#include <stdio.h>

#include <stdlib.h>

int compare(const void\* a, const void\* b) {

return (\*(int\*)a - \*(int\*)b);

}

int findContentChildren(int\* g, int gSize, int\* s, int sSize) {

qsort(g, gSize, sizeof(int), compare);

qsort(s, sSize, sizeof(int), compare);

int i = 0, j = 0;

int satisfied = 0;

while (i < gSize && j < sSize) {

if (s[j] >= g[i]) {

satisfied++;

i++;

}

j++;

}

return satisfied;

}

int main() {

// Ex

int g[] = {1, 2, 3};

int s[] = {1, 2};

int gSize = sizeof(g) / sizeof(g[0]);

int sSize = sizeof(s) / sizeof(s[0]);

int result = findContentChildren(g, gSize, s, sSize);

printf("%d\n", result); // Output should be 1

return 0;

}

