

Problem Menu

Statement

Submissions

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not attempted

Spoilers

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solved by 6 / 9

Top users by time

#	User	Time
1	Nakami	3 ms
2	levirs565	4 ms
4	Raphela	7 ms
5	AhmadRomy	8 ms

Top users by memory

#	User	Memory
1	Nakami	580 KB
2	AhmadRomy	776 KB
3	levirs565	776 KB
4	Badruzzaman_Nafiz	776 KB
5	albertnugroho128	776 KB

Arkavidia 9.0 - Penyisihan CP

D

Submission #4626915

Arkavidia 9.0 - Penyisihan CP / D. Data Lab Arka

Accepted

Raphela

C++17

November 16, 2025 at 10:29:06

Sample Test Data Results

Test Data Results

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 set<int> hasil;
5
6 void dfs(int hari, int s1, const vector<int> &A, const vector<int> &B) {
7     if (hari == 4) {
8         hasil.insert(s1);
9         return;
10    }
11    if (hari % 2 == 0) {
12        for (int i = 0; i < (int)A.size(); ++i) {
13            int cap = A[i];
14            int val = A[i];
15            nA.erase(nA.begin() + i);
16            nA.push_back(val);
17            nB.push_back(val);
18            dfs(hari + 1, ns1, nA, nB);
19        }
20    } else {
21        int s2 = 2000 - s1;
22        for (int i = 0; i < (int)B.size(); ++i) {
23            int cap = B[i];
24            int pindah = min(cap, s2);
25            int ns1 = s1 + pindah;
26            vector<int> nA = A, nB = B;
27            int val = nB[i];
28            nA.push_back(val);
29            nB.erase(nB.begin() + i);
30            dfs(hari + 1, ns1, nA, nB);
31        }
32    }
33 }
34
35 int main() {
36     ios::sync_with_stdio(false);
37     cin.tie(nullptr);
38
39     int NA, NB;
40     if (!(cin >> NA >> NB)) return 0;
41     vector<int> A(NA), B(NB);
42     for (int i = 0; i < NA; ++i) cin >> A[i];
43     for (int i = 0; i < NB; ++i) cin >> B[i];
44
45     dfs(0, 1000, A, B);
46
47     cout << hasil.size() << '\n';
48     return 0;
49 }
```