



Problem Menu

[Back](#)[Statement](#)[Submissions](#)

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            nB.push_back(val);
17            dfs(hari + 1, s1, nA, nB);
18        }
19    } else {
20        int s2 = 2000 - s1;
21        for (int i = 0; i < (int)B.size(); ++i) {
22            int cap = B[i];
23            int pindah = min(cap, s2);
24            int ns1 = s1 + pindah;
25            vector<int> nA = A, nB = B;
26            int val = B[i];
27            nA.push_back(val);
28            dfs(hari + 1, ns1, nA, nB);
29        }
30    }
31
32    int main() {
33        ios::sync_with_stdio(false);
34        cin.tie(nullptr);
35
36        int NA, NB;
37        if (!(cin >> NA >> NB)) return 0;
38        vector<int> A(NA), B(NB);
39        for (int i = 0; i < NA; ++i) cin >> A[i];
40        for (int i = 0; i < NB; ++i) cin >> B[i];
41
42        dfs(0, 1000, A, B);
43
44        cout << hasil.size() << '\n';
45        return 0;
46    }
47 }
```

Your score

not attempted

Spoilers

 Show difficulty Show tags

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