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Statement

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Your score   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	Memor
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 #4127708

Arkavidia 9.0 - Penyisihan CP / D. Data Lab Arka

Accepted • albertnugroho128 • C++20 • August 15, 2025 at 14:10:04

▶ Sample Test Data Results

▶ Test Data Results

```cpp
#include <bits/stdc++.h>
using namespace std;

unordered_set<int> hasil; // menyimpan nilai akhir unik server lab 1

void dfs(int hari, int s1, int s2, vector<int>& A, vector<int>& B) {
    if (hari == 4) {
        hasil.insert(s1);
        return;
    }

    if (hari % 2 == 0) {
        // Selasa & Kamis: pindah dari lab 1 (A) ke lab 2 (B)
        for (int i = 0; i < move; ...) ... {
            int ns2 = s2 + move;

            // flashdisk cap pindah loker: dari A ke B
            int saved = A[i];
            A.erase(A.begin() + i);
            B.push_back(saved);

            dfs(hari + 1, ns1, ns2, A, B);

            // backtrack
            B.pop_back();
            A.insert(A.begin() + i, saved);
        }
    } else {
        // Rabu & Jumat: pindah dari lab 2 (B) ke lab 1 (A)
        for (int j = 0; j < (int)B.size(); ++j) {
            int cap = B[j];
            int move = min(s2, cap);
            int ns1 = s1 + move;
            int ns2 = s2 - move;

            // flashdisk cap pindah loker: dari B ke A
            int saved = B[j];
            B.erase(B.begin() + j);
            A.push_back(saved);

            dfs(hari + 1, ns1, ns2, A, B);
            B.insert(B.begin() + j, saved);
        }
    }
}

int main() {
    ios::sync_with_stdio(false);
    cin.tie(nullptr);

    int NA, NB;
    if (!(cin >> NA >> NB)) return 0;

    vector<int> A(NA), B(NB);
    for (int i = 0; i < NA; ++i) cin >> A[i];
    for (int i = 0; i < NB; ++i) cin >> B[i];

    int s1 = 1000, s2 = 1000; // data awal kedua server
    dfs(0, s1, s2, A, B);

    cout << (int)hasil.size() << "\n";
    return 0;
}
```