

Blind 75

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I want to improve my problem solving skills. I am starting with Blind 75.

Language Used - C++

1 - Two Sum

Notes

The optimal solution uses a Unordered Map which is internally build using Hash Table concepts.

Usage of Hash Table enables the least cost of operations like search, delete, and insert.

Program

```
class Solution {
public:
    vector<int> twoSum(vector<int>& nums, int target) {
        unordered_map<int, int> s;

        for (int i = 0; i < nums.size(); i++) {
            int com = target - nums[i];
            if (s.find(com) != s.end()) {
                return {s[com], i};
            }
            s.insert({nums[i], i});
        }
        return {};
    }
};
```