

# Personal\_Finance\_Tracker

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#include <iostream>
#include <vector>
#include <string>
using namespace std;

struct Transaction {
    string type;
    double amount;
    string note;
};

int main() {
    vector<Transaction> records;
    int choice;
    do {
        cout << "1. Add Transaction\n2. View Records\n3. Exit\nEnter choice: ";
        cin >> choice;
        if (choice == 1) {
            Transaction t;
            cout << "Enter type (income/expense): ";
            cin >> t.type;
            cout << "Enter amount: ";
            cin >> t.amount;
            cout << "Enter note: ";
            cin.ignore();
            getline(cin, t.note);
            records.push_back(t);
        } else if (choice == 2) {
            double totalIncome = 0, totalExpense = 0;
            for (auto &t : records) {
                cout << t.type << " - " << t.amount << " (" << t.note << ")\n";
                if (t.type == "income") totalIncome += t.amount;
                else totalExpense += t.amount;
            }
            cout << "Total Income: " << totalIncome << "\nTotal Expense: " << totalExpense << "\nBalance: " << totalIncome - totalExpense << "\n";
        }
    } while (choice != 3);
    return 0;
}
```