

Online C++ 17 Compiler /DE

Religious-JQuery-MI :

```
1 #include <iostream>
2 #include <fstream>
3 #include <string>
4 using namespace std;
5 class BankAccount {
6 private:
7     double balance;
8 };
9 public:
10    BankAccount() {
11        balance = 0.00;
12    }
13    void deposit(double cash) {
14        balance += cash;
15        cout << "Cash Before Spending was " << balance << endl;
16        sovTransaction("deposit", cash);
17    }
18    void makePurchase(string item, double cost) {
19        if (cost > balance) {
20            cout << "Insufficient funds for " << item << endl;
21        } else {
22            balance -= cost;
23            cout << "Purchase: " << item << " " << cost << endl;
24            saveTransaction("Purchase", item, cost);
25        }
26    }
27    void displayBalance() {
28        cout << "Current amount: $" << balance << endl;
29    }
30    void saveTransaction(string type, double cash) {
31        ofstream file("transaction.txt");
32        file << type << " " << cash << endl;
33        file.close();
34    }
35    void main() {
36        int myAccount; //BankAccount object
37        cout << "Bank Balance History" << endl;
38        cout << " " << endl;
39        cout << " " << endl;
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62        cout << " " << endl;
```

Language version: g++ 17.0.2 (GCC 13.2.1) Interactive Mode

Input arguments: Output: Generated files:

Bank Balance History

Cash Before Spending was 793.21
Purchased: Toy Truck 9.99
Purchased: Fish Food 15
Purchased: Lighter 0.9
Purchased: Mittens 12.5
Current amount: \$754.82

Compiled and executed in 1391 sec(s)

ofstream file("transaction.txt", ios::open); //each action (deposit and purchase) is written to transaction.txt
if (file.is_open()) {
 file << type << " " << cash << endl;
 file.close();
}

Unlock more features

I need help