



File Run Debug Stop Share Save Beautify Download

main.cpp transactions.txt :

```
1 Transactions
2 Deposit: $1000
3 Hot Chocolate purchase: $4.5
4 PG RX-78-2 Gundam Model Kit purchase: $298.69
5
```

▼ □ □ □ □ □

input

```
Deposited $1000
Hot Chocolate: -$4.5
PG RX-78-2 Gundam Model Kit: -$298.69
Current Balance: $696.81
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```



EXPLORER ... C+ main.cpp M X

Midterm > C+ main.cpp > BankAccount

```

1 #include <iostream>
2 #include <fstream>
3 #include <string>
4 using namespace std;
5
6 class BankAccount{
7     private:
8         double balance;
9         string transactionFile;
10
11     void logTransaction(string type, double amount){
12         ofstream file(transactionFile, ios::app);
13         if (file.is_open()){
14             file << type << ": $" << amount << endl;
15             file.close();
16         }
17     }
18
19     public:
20     BankAccount(double initialBalance = 0.0, string filename = "transactions.txt"){
21         balance = initialBalance;
22         transactionFile = filename;
23         ofstream file(transactionFile, ios::trunc);
    }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Filter (e.g. text, !exclude, \e...)

```

Loaded '/usr/lib/system/libsystem_notify.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_sandbox.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_sanitizers.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_secinit.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_kernel.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_platform.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_pthread.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_symptoms.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libsystem_trace.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libunwind.dylib'. Symbols loaded.
Loaded '/usr/lib/system/libxpc.dylib'. Symbols loaded.
Loaded '/usr/lib/libobjc.A.dylib'. Symbols loaded.
Loaded '/usr/lib/libRosetta.dylib'. Symbols loaded.
=thread-selected,id="1"
Deposited $1000
Hot Chocolate: -$4.5
PG RX-78-2 Gundam Model Kit: -$298.69
Current Balance: $696.81
The program '/Users/araias/Documents/GitHub/CIS25_Fall2026/Midterm/main' has exited with code 0 (0x00000000).
```