

EXPLORER

... BankAccount.cpp X transactions.txt

BankAccount.cpp > BankAccount > BankAccount()

```
6  class BankAccount {
29      void makePurchase(const string& item, double cost) {
33          } else {
36              saveTransaction("Purchase (" + item + "): $" + to_string(cost));
37          }
38      }
39
40      void displayBalance() {
41          cout << "Current Balance: $" << balance << endl;
42      }
43  };
44
45  int main() {
46      BankAccount myAccount;
47
48      myAccount.deposit(250.00);
49      myAccount.makePurchase("Coffee", 4.50);
50      myAccount.makePurchase("Book", 25.00);
51      myAccount.makePurchase("Groceries", 45.30);
52      myAccount.makePurchase("Gas", 35.00);
53      myAccount.deposit(50.00);
54      myAccount.makePurchase("Shoes", 80.00);
55      myAccount.makePurchase("Headphones", 200.00);
56
57      myAccount.displayBalance();
58
59      return 0;
60 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
P5 C:\Users\chrom\Desktop\CIS25> & 'c:\Users\chrom\.vscode\extensions\ms-vscode.cpptools-1.29.3-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-z1sxels4.lpr' '--stdout=Microsoft-MIEngine-Out-vxrzlosi.bry' '--stderr=Microsoft-MIEngine-Error-rvystspv.iwy' '--pid=Microsoft-MIEngine-Pid-manukhrc.jrx' '--dbgExe=C:\vsys64\vcrt64\bin\gdb.exe' '--interpreter=mi'
Deposited $250
Purchased Coffee for $4.5
Purchased Book for $25
Purchased Groceries for $45.3
Purchased Gas for $35
Deposited $50
Purchased Shoes for $80
Insufficient funds for Headphones
Current Balance: $110.2
P5 C:\Users\chrom\Desktop\CIS25>
```

powerShell

C/C++

cppdbg: Ba...

OUTLINE

TIMELINE

The screenshot shows the Visual Studio Code interface with the following details:

- EXPLORER** sidebar: Shows a project structure with files: .vscode, bank.exe, BankAccount.cpp, BankAccount.exe, and transactions.txt. The transactions.txt file is currently selected.
- EDITOR**: Displays the contents of the transactions.txt file:

```
1 Deposit: +250.000000
2 Purchase (Coffee): -4.500000
3 Purchase (Book): -25.000000
4 Purchase (Groceries): -45.300000
5 Purchase (Gas): -35.000000
6 Deposit: +50.000000
7 Purchase (Shoes): -80.000000
8 Failed Purchase (Headphones): -200.000000
9
```
- TERMINAL**: Shows the output of a PowerShell session running a debugger command. The command is:

```
PS C:\Users\chrom\Desktop\CIS25> & 'c:\Users\chrom\.vscode\extensions\ms-vscode.cpptools-1.29.3-win32-x64\debugAdapters\bin\windowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-z1sxels4.lpr' '--stdout=Microsoft-MIEngine-Out-vxrzlosi.bry' '--stderr=Microsoft-MIEngine-Error-rvystspv.iwy' '-pid=Microsoft-MIEngine-Pid-narukhrc.jrx' '--dbgExe=C:\vsys64\vcrt64\bin\gdb.exe' '--interpreter=mi'
```

The output from the application being debugged is:

```
Deposited $250
Purchased Coffee for $4.5
Purchased Book for $25
Purchased Groceries for $45.3
Purchased Gas for $35
Deposited $50
Purchased Shoes for $80
Insufficient funds for Headphones
Current Balance: $110.2
PS C:\Users\chrom\Desktop\CIS25>
```
- SIDE BAR**: Shows tabs for powershell, C/C++ (selected), and cppdbg: Ba...