

The screenshot shows a VS Code interface with the following details:

- EXPLORER** sidebar: CIS 25, .vscode, launch.json, bank, module8.cpp, transactions.txt.
- MODULE8.CPP** content:

```
example.cpp | {} launch.json | module8.cpp X  bank
module8.cpp > main()
6  class BankAccount {
10
11    void makePurchase(string item, double cost) {
12      if (cost > balance) {
13        cout << "Insufficient funds for " << item << endl;
14      } else {
15        balance -= cost;
16        cout << "Purchased " << item << " for $" << cost << endl;
17        saveTransaction("Purchase - " + item, cost);
18      }
19    }
20
21    void printBalance() {
22      cout << "Current Balance: $" << balance << endl;
23    }
24
25    void saveTransaction(string type, double amount) {
26      ofstream file("transactions.txt", ios::app);
27      if (file.is_open()) {
28        file << type << ":" << amount << endl;
29        file.close();
30      }
31    }
32
33    int main() {
34      BankAccount myAccount;
35      myAccount.deposit(10); // initial balance
36
37      cout << "Added starting balance of $10" << endl;
38    }
39
40  };
41
42
43
44  int main() {
45    BankAccount myAccount;
46    myAccount.deposit(10); // initial balance
47
48    cout << "Added starting balance of $10" << endl;
49  }
```
- TERMINAL** tab: tugo@Tuguldurs-MacBook-Pro cis 25 % ./bank  
Deposited: \$10  
You have initial balance of \$10  
===== BANK MENU =====  
1. Deposit Funds  
2. Make a Purchase  
3. View Balance  
4. Exit Program  
Enter your choice: █
- Bottom status bar: Screen Reader Optimized, Ln 44, Col 13, Spaces: 4, U

The screenshot shows a dark-themed instance of Visual Studio Code (VS Code) with the following interface elements:

- Explorer View:** On the left, it shows a project structure under the heading "CIS 25". The files listed are ".vscode", "launch.json", "bank", "module8.cpp", and "transactions.txt". The "transactions.txt" file is currently selected, indicated by a blue selection bar at the bottom of its listing.
- Editor View:** The main workspace displays the contents of the "transactions.txt" file:

```
1 Deposit: $10
2
```
- Terminal View:** At the bottom, there is a terminal window titled "cis 25" which shows the output of a running application:

```
tugo@Tuguldurs-MacBook-Pro cis 25 % ./bank
Deposited: $10
You have initial balance of $10

===== BANK MENU =====
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: 
```
- Bottom Status Bar:** The status bar at the bottom shows icons for outline, timeline, and a JavaScript Debug Terminal, along with the text "0 △ 0" and "JavaScript Debug Terminal (cis 25)".

The screenshot shows the Visual Studio Code (VS Code) interface with the following components:

- EXPLORER** sidebar on the left:
  - CIS 25** folder
    - .vscode
    - launch.json
    - bank
    - module8.cpp
    - transactions.txt
- CODE EDITOR** main area:
  - File: example.cpp
  - File: launch.json
  - File: module8.cpp
  - File: transactions.txt (highlighted)
- TERMINAL** at the bottom:
  - PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL (underlined)    PORTS
  - tugo@Tuguldurs-MacBook-Pro cis 25 % ./bank
  - Deposited: \$10
  - You have initial balance of \$10
  - ===== BANK MENU =====
  - 1. Deposit Funds
  - 2. Make a Purchase
  - 3. View Balance
  - 4. Exit Program
  - Enter your choice: 2
  - Enter item name: coffee
- SIDE BAR** at the bottom:
  - > OUTLINE
  - > TIMELINE
- STATUS BAR** at the bottom left:
  - 0 △ 0
  - JavaScript Debug Terminal (cis 25)

The screenshot shows the VS Code interface with the following details:

- EXPLORER** sidebar:
  - CIS 25** folder
    - .vscode
    - launch.json
    - bank
    - module8.cpp
    - transactions.txt** (selected)
- TERMINAL** tab is active.
- OUTPUT**, **DEBUG CONSOLE**, and **PORTS** tabs are also present.
- Terminal Content:**

```
tugo@Tuguldurs-MacBook-Pro:~/cis 25 % ./bank
Deposited: $10
You have initial balance of $10

===== BANK MENU =====
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: 2
Enter item name: coffee
Enter cost: 5
```
- Bottom Status Bar:** Shows icons for outline, timeline, and a JavaScript Debug Terminal labeled "cis 25".

The screenshot shows a dark-themed interface of the Visual Studio Code (VS Code) code editor. On the left, there's a file tree (Explorer) with the following structure:

- CIS 25
  - .vscode
  - launch.json
  - bank
    - module8.cpp
  - transactions.txt

The transactions.txt file is currently selected. On the right, there's a large terminal window displaying the output of a program. The terminal tab bar at the top of the window has several tabs: PROBLEMS, OUTPUT, DEBUG CONSOLE, TERMINAL (which is underlined, indicating it's active), and PORTS.

The terminal output is as follows:

```
tugo@Tuguldurs-MacBook-Pro cis 25 % ./bank
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: 2
Enter item name: coffee
Enter cost: 5
Purchased coffee for $5

===== BANK MENU =====
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: ■
```

At the bottom of the terminal window, there are some status icons: a file icon with '0 ▲ 0', a 'JavaScript Debug Terminal' icon, and the text '(cis 25)'.

The screenshot shows the VS Code interface with the following details:

- EXPLORER** view on the left showing a project structure with files like `.vscode`, `launch.json`, `bank`, `module8.cpp`, and `transactions.txt`.
- CODE** view on the right showing the content of `transactions.txt`:

```
1 Deposit: $10
2 Purchase - coffee: $5
3 Deposit: $100
4
```

- TERMINAL** tab at the bottom is active, displaying the output of a terminal session:

```
tugo@Tuguldurs-MacBook-Pro cis 25 % ./bank
===== BANK MENU =====
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: 1
Enter amount to deposit: 100
Deposited: $100

===== BANK MENU =====
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: █
```

Repeat the process...

The screenshot shows the Visual Studio Code interface. The left pane, titled "EXPLORER", displays a file tree under the folder "CIS 25". The files listed are ".vscode", "launch.json", "bank", "module8.cpp", and "transactions.txt". The "transactions.txt" file is currently selected, indicated by a blue bar at the bottom of the list. The right pane shows the contents of the "transactions.txt" file:

```
1 Deposit: $10
2 Purchase - coffee: $5
3 Deposit: $100
4 Purchase - tea: $5
5 Purchase - car: $30
6 Purchase - plane: $50
7
```

## Showing that the code runs:

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface. The left sidebar displays a file tree with a project named 'CIS 25' containing files like '.vscode', 'example.cpp', 'module8.cpp', and 'transactions.txt'. The main editor area shows the content of 'module8.cpp'. The terminal at the bottom shows the output of running the program:

```
tugo@Tuguldur-MacBook-Pro cis 25 % ./bank
Deposited: $10
You have initial balance of $10

===== BANK MENU =====
1. Deposit Funds
2. Make a Purchase
3. View Balance
4. Exit Program
Enter your choice: 1
```

The status bar at the bottom indicates the terminal is 'Screen Reader Optimized' with 'Ln 44, Col 13' and other system details.