

The screenshot shows the Microsoft Visual Studio IDE interface. On the left, the code editor displays a C++ file named Week_8.cpp. The code defines a class Bank_Account with methods for making purchases, depositing money, and printing the balance. On the right, a terminal window titled "Local Windows Debugger" shows the output of the program's execution. The program adds \$100 to the balance, makes two purchases (Calculator and Textbook), and then prints the remaining balance.

```
#include <iostream>
#include <fstream>
#include <string>
using namespace std;

class Bank_Account {
private:
    double balance;
public:
    Bank_Account(){
        balance = 0;
    }
    void make_purchase(string item, double amount){
        if (balance < amount){
            cout << "Not enough money in the account to make a p
            save_transaction("Failed Purchase " + item + ": ", a
        } else{
            balance -= amount;
            cout << "Purchase: " << item << endl;
            save_transaction("Purchase " + item + ":", amount);
        }
    }
    void deposit(double amount){
        balance += amount;
        cout << "Add $" << amount << " to the balance" << endl;
        save_transaction("Deposit: ", amount);
    }
    void print_balance(){
        cout << "Remaining Balance: $" << balance << endl;
    }
}

No Issues found
```

```
Add $100 to the balance
Purchase: Calculator
Purchase: Textbook
Remaining Balance: $55
```