

Prelim Exam	
Skills Assessment 2025	
Course Code: CPE007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: 9/2/2025
Section: CPE11S11	Date Submitted: 9/2/2025
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Pseudo Code	
First Clarify all orders Second Check the Orders Third make the orders Fourth Check all possible outcome of the sales Fifth Reset the all the orders Final Exit the Shop and Close	
Flow Chart	
<pre> graph TD START([START]) --> Clarify[First Clarify all Orders Of The Customer] Clarify --> CheckOutcomes[Check the Possible Outcome of the Orders] CheckOutcomes --> MakeOrders[Make The orders] MakeOrders --> DrawOutcomes[DRAW ALL THE POSSIBLE OUTCOME OF THE SALES OF THE COFFEE SHOP] DrawOutcomes --> Decision{Decision} Decision -- "If you are going to meet the requirement then go to step 5" --> Step5 Decision -- "If NO then go to step 4" --> Step4 Step4 --> CheckBack4{Check if you are going back to the previous step or not} CheckBack4 --> Step5 Step5 --> CheckBack5{Check if you still yes you going back to the previous step or not} CheckBack5 --> END([END]) </pre>	
Code	
<pre>#include <iostream> using namespace std;</pre>	

```
// Function to display the menu
void showMenu() {
    cout << "-- Coffee Ordering System--" << endl;
    cout << "\nMenu:" << endl;
    cout << "1. Order Iced Coffee (₱55)" << endl;
    cout << "2. Order Hot Coffee (₱50)" << endl;
    cout << "3. View Total Sales" << endl;
    cout << "4. Reset Orders" << endl;
    cout << "5. Exit" << endl;
}

int main() {
    double totalSales = 0; // Initialize total sales

    int choice;
    do {
        showMenu(); // Display the menu
        cout << "Please choose an option (1-5): ";
        cin >> choice; // Get user input

        switch (choice) {
            case 1: // Order Iced Coffee
                totalSales += 55;
                cout << "Iced Coffee was added to your order." << endl;
                break;

            case 2: // Order Hot Coffee
                totalSales += 50;
                cout << "Hot Coffee was added to your order." << endl;
                break;

            case 3: // View Total Sales
                cout << "Current total sales: ₱" << totalSales << endl;
                break;

            case 4: // Reset Orders
                totalSales = 0;
                cout << "Orders have been reset." << endl;
                break;

            case 5: // Exit
                cout << "Thank you for using the Coffee Ordering System. Goodbye!" << endl;
                break;

            default:
                cout << "Invalid choice, please try again." << endl;
        }
    } while (choice != 5); // Repeat until the user chooses to exit

    return 0;
}
```

Output

```
-- Coffee Ordering System--  
  
Menu:  
1. Order Iced Coffee (₱55)  
2. Order Hot Coffee (₱50)  
3. View Total Sales  
4. Reset Orders  
5. Exit  
Please choose an option (1-5): 1  
Iced Coffee was added to your order.  
-- Coffee Ordering System--  
  
Menu:  
1. Order Iced Coffee (₱55)  
2. Order Hot Coffee (₱50)  
3. View Total Sales  
4. Reset Orders  
5. Exit  
Please choose an option (1-5): 2  
Hot Coffee was added to your order.  
-- Coffee Ordering System--  
  
Menu:  
1. Order Iced Coffee (₱55)  
2. Order Hot Coffee (₱50)  
3. View Total Sales  
4. Reset Orders  
5. Exit  
Please choose an option (1-5): 3  
Current total sales: ₱105  
-- Coffee Ordering System--  
  
Menu:  
1. Order Iced Coffee (₱55)  
2. Order Hot Coffee (₱50)  
3. View Total Sales  
4. Reset Orders  
5. Exit  
Please choose an option (1-5): 4  
Orders have been reset.  
-- Coffee Ordering System--  
  
Menu:  
1. Order Iced Coffee (₱55)  
2. Order Hot Coffee (₱50)  
3. View Total Sales  
4. Reset Orders  
5. Exit  
Please choose an option (1-5): 5  
Thank you for using the Coffee Ordering System. Goodbye!
```

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main.cpp	Run	Output
<pre>1 #include <iostream> 2 using namespace std; 3 4 // Function to display the menu 5 void showMenu() { 6 cout << "-- Coffee Ordering System--" << endl; 7 cout << "\nMenu:" << endl; 8 cout << "1. Order Iced Coffee (₱55)" << endl; 9 cout << "2. Order Hot Coffee (₱50)" << endl; 10 cout << "3. View Total Sales" << endl; 11 cout << "4. Reset Orders" << endl; 12 cout << "5. Exit" << endl; 13 } 14 15 int main() { 16 double totalSales = 0; // Initialize total sales 17 18 int choice; 19 do { 20 showMenu(); // Display the menu 21 cout << "Please choose an option (1-5): "; 22 cin >> choice; // Get user input 23 24 switch (choice) { 25 case 1: // Order Iced Coffee 26 totalSales += 55; 27 cout << "Iced Coffee was added to your order." << endl; 28 break; 29 30 case 2: // Order Hot Coffee 31 totalSales += 50; 32 cout << "Hot Coffee was added to your order." << endl; 33 break; 34 35 case 3: // View Total Sales 36 cout << "Current total sales: ₱" << totalSales << endl; 37 } 38 } while (choice != 5); 39 40 cout << "Thank you for using the Coffee Ordering System. Goodbye!" << endl; 41 }</pre>	<p>5. Exit Please choose an option (1-5): 2 Hot Coffee was added to your order. -- Coffee Ordering System-- Menu: 1. Order Iced Coffee (₱55) 2. Order Hot Coffee (₱50) 3. View Total Sales 4. Reset Orders 5. Exit Please choose an option (1-5): 3 Current total sales: ₱105 -- Coffee Ordering System-- Menu: 1. Order Iced Coffee (₱55) 2. Order Hot Coffee (₱50) 3. View Total Sales 4. Reset Orders 5. Exit Please choose an option (1-5): 4 Orders have been reset. -- Coffee Ordering System-- Menu: 1. Order Iced Coffee (₱55) 2. Order Hot Coffee (₱50) 3. View Total Sales 4. Reset Orders 5. Exit Please choose an option (1-5): 5 Thank you for using the Coffee Ordering System. Goodbye!</p> <p>== Code Execution Successful ==</p>	