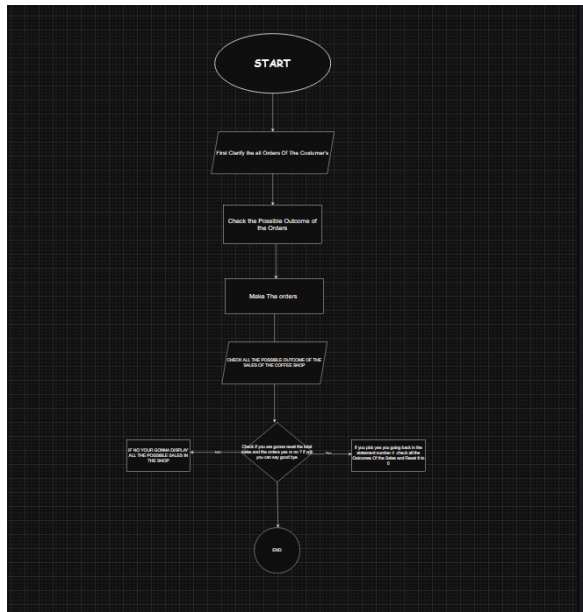


Prelim Exam	
Skills Assessment 2025	
Course Code: CPE007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed:9/2/2025
Section: CPE11S11	Date Submitted:9/2/2025
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Pseudo Code

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



Code

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

```

// Function to display the menu
void showMenu() {
    cout << "-- Coffee Ordering System--"<<endl;
    cout << "\nMenu:" << endl;
    cout << "1. Order Iced Coffee (P55)" << endl;
    cout << "2. Order Hot Coffee (P50)" << 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: P" << 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 (P55)
2. Order Hot Coffee (P50)
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 (P55)
2. Order Hot Coffee (P50)
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 (P55)
2. Order Hot Coffee (P50)
3. View Total Sales
4. Reset Orders
5. Exit
Please choose an option (1-5): 3
Current total sales: P105
-- Coffee Ordering System--

Menu:
1. Order Iced Coffee (P55)
2. Order Hot Coffee (P50)
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 (P55)
2. Order Hot Coffee (P50)
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!
```

Programiz C++ Online Compiler

Programiz PRO

main.cpp

Run

Clear

```
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 (P55)" << endl;
9     cout << "2. Order Hot Coffee (P50)" << 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: P" << totalSales << endl;
```

```
5. Exit
Please choose an option (1-5): 2
Hot Coffee was added to your order.
-- Coffee Ordering System--

Menu:
1. Order Iced Coffee (P55)
2. Order Hot Coffee (P50)
3. View Total Sales
4. Reset Orders
5. Exit
Please choose an option (1-5): 3
Current total sales: P105
-- Coffee Ordering System--

Menu:
1. Order Iced Coffee (P55)
2. Order Hot Coffee (P50)
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 (P55)
2. Order Hot Coffee (P50)
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!

=== Code Execution Successful ===
```