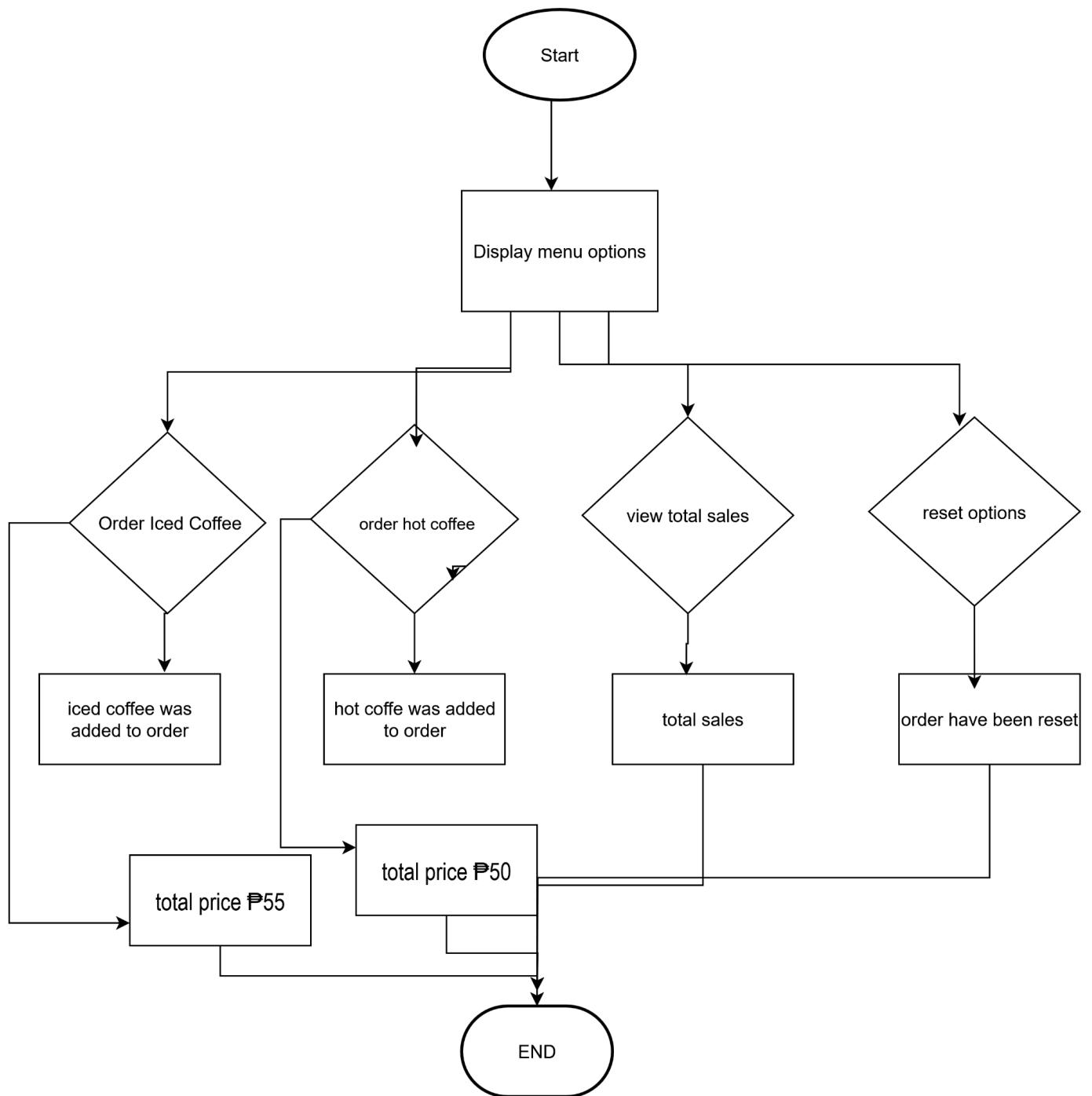


Prelim Exam	
Skills Assessment 2025	
Course Code: CPE007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: 09/02/25
Section: CPE11Sx	Date Submitted: 09/02/25
Name: RAMIREZ, ANGEL MAE C.	Instructor: Engr. Jimlord M. Quejado
Pseudo Code	
START total_sales ← 0 DISPLAY menu options: 1. Order Iced Coffee (₱55) 2. Order Hot Coffee (₱50) 3. View Total Sales 4. Reset Orders 5. Exit IF choice = 1 THEN total_sales ← total_sales + 55 DISPLAY "Iced Coffee was added to order" ELSE IF choice = 2 THEN total_sales ← total_sales + 50 DISPLAY "Hot Coffee was added to order" ELSE IF choice = 3 THEN DISPLAY "Total Sales: ₱" + total_sales ELSE IF choice = 4 THEN total_sales ← 0 DISPLAY "Orders have been reset" ELSE IF choice = 5 THEN DISPLAY "Thank you! Goodbye." BREAK ELSE DISPLAY "Invalid choice. Please try again." END WHILE END	

Flow Chart



Code

```
#include <iostream>

using namespace std;

int main() {
    int choice;
    double totalSales = 0.0;

    do {
        // Display menu
        cout << " (: Coffee Ordering System :))\n";
        cout << "1. Order Iced Coffee (₱55) \n";
        cout << "2. Order Hot Coffee (₱50) \n";
        cout << "3. View Total Sales\n";
        cout << "4. Reset Orders\n";
        cout << "5. Exit\n";
        cout << "Enter your choice: ";
        cin >> choice;

        switch (choice) {
            case 1:
                totalSales += 55;
                cout << "Iced Coffee is added to order.\n";
                break;

            case 2:
                totalSales += 50;
                cout << "Hot Coffee was added to order.\n";
                break;

            case 3:
                cout << "Total Sales: " << totalSales << endl;
                break;

            case 4:
                totalSales = 0;
                cout << "Orders have been reset.\n";
                break;

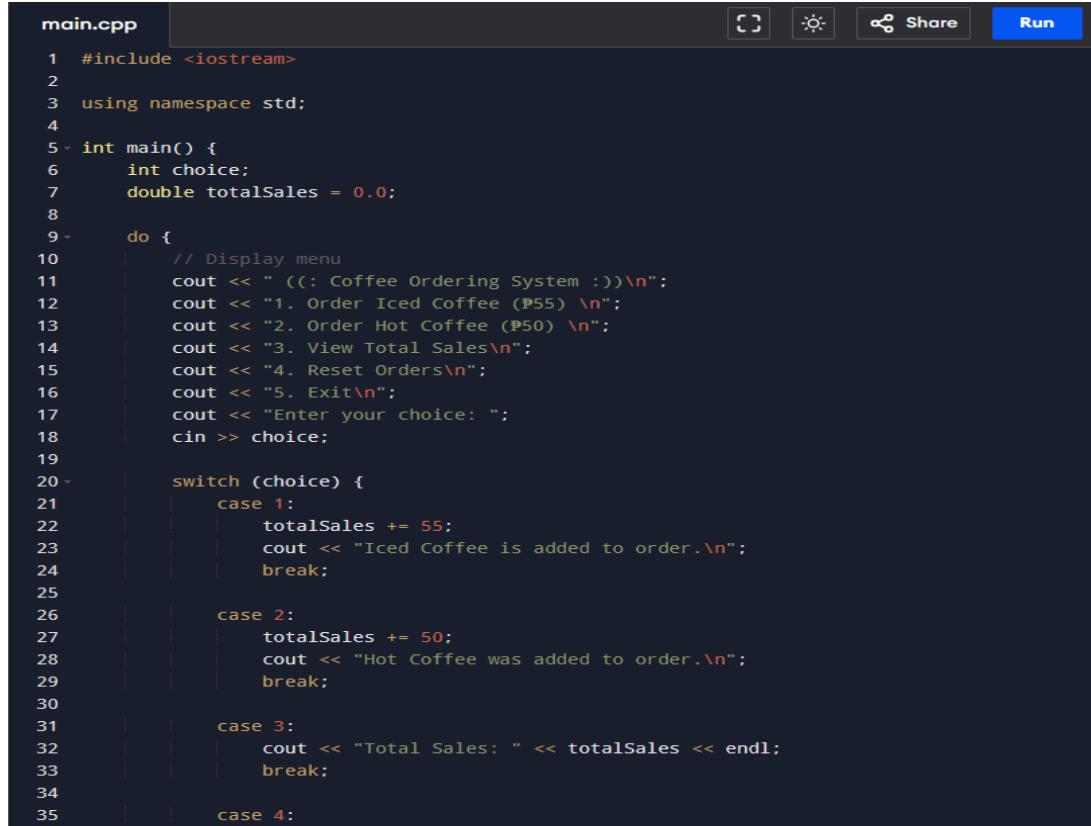
            case 5:
                cout << "Goodbye!";
                break;

            default:
                cout << "Invalid choice. Please enter a number from 1 to 5.\n";
                break;
        }
    } while (choice != 5);
```

```
    return 0;  
}
```

Output

CODE:



The screenshot shows a code editor window with the file name "main.cpp" at the top left. The code itself is a C++ program for a coffee ordering system. It includes an include directive for `<iostream>`, uses the `std` namespace, and defines a `main` function. The `main` function contains a `do-while` loop that repeatedly displays a menu with five options: 1. Order Iced Coffee (₱55), 2. Order Hot Coffee (₱50), 3. View Total Sales, 4. Reset Orders, and 5. Exit. It then prompts the user to enter their choice and processes it using a `switch` statement. The total sales are updated accordingly, and the program exits when option 5 is chosen.

```
main.cpp
```

```
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     int choice;
7     double totalSales = 0.0;
8
9     do {
10         // Display menu
11         cout << " (( Coffee Ordering System ))\n";
12         cout << "1. Order Iced Coffee (₱55) \n";
13         cout << "2. Order Hot Coffee (₱50) \n";
14         cout << "3. View Total Sales\n";
15         cout << "4. Reset Orders\n";
16         cout << "5. Exit\n";
17         cout << "Enter your choice: ";
18         cin >> choice;
19
20         switch (choice) {
21             case 1:
22                 totalSales += 55;
23                 cout << "Iced Coffee is added to order.\n";
24                 break;
25
26             case 2:
27                 totalSales += 50;
28                 cout << "Hot Coffee was added to order.\n";
29                 break;
30
31             case 3:
32                 cout << "Total Sales: " << totalSales << endl;
33                 break;
34
35             case 4:
```

RESULTS:

Output Clear

```
((: Coffee Ordering System :))
1. Order Iced Coffee (₱55)
2. Order Hot Coffee (₱50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 1
Iced Coffee is added to order.
((: Coffee Ordering System :))
1. Order Iced Coffee (₱55)
2. Order Hot Coffee (₱50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 2
Hot Coffee was added to order.
((: Coffee Ordering System :))
1. Order Iced Coffee (₱55)
2. Order Hot Coffee (₱50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 3
Total Sales: 105
((: Coffee Ordering System :))
1. Order Iced Coffee (₱55)
2. Order Hot Coffee (₱50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 4
Orders have been reset.
((: Coffee Ordering System :))
1. Order Iced Coffee (₱55)
2. Order Hot Coffee (₱50)
3. View Total Sales
```

```
Orders have been reset.
(: Coffee Ordering System :)
1. Order Iced Coffee (₱55)
2. Order Hot Coffee (₱50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 5
Goodbye!

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

