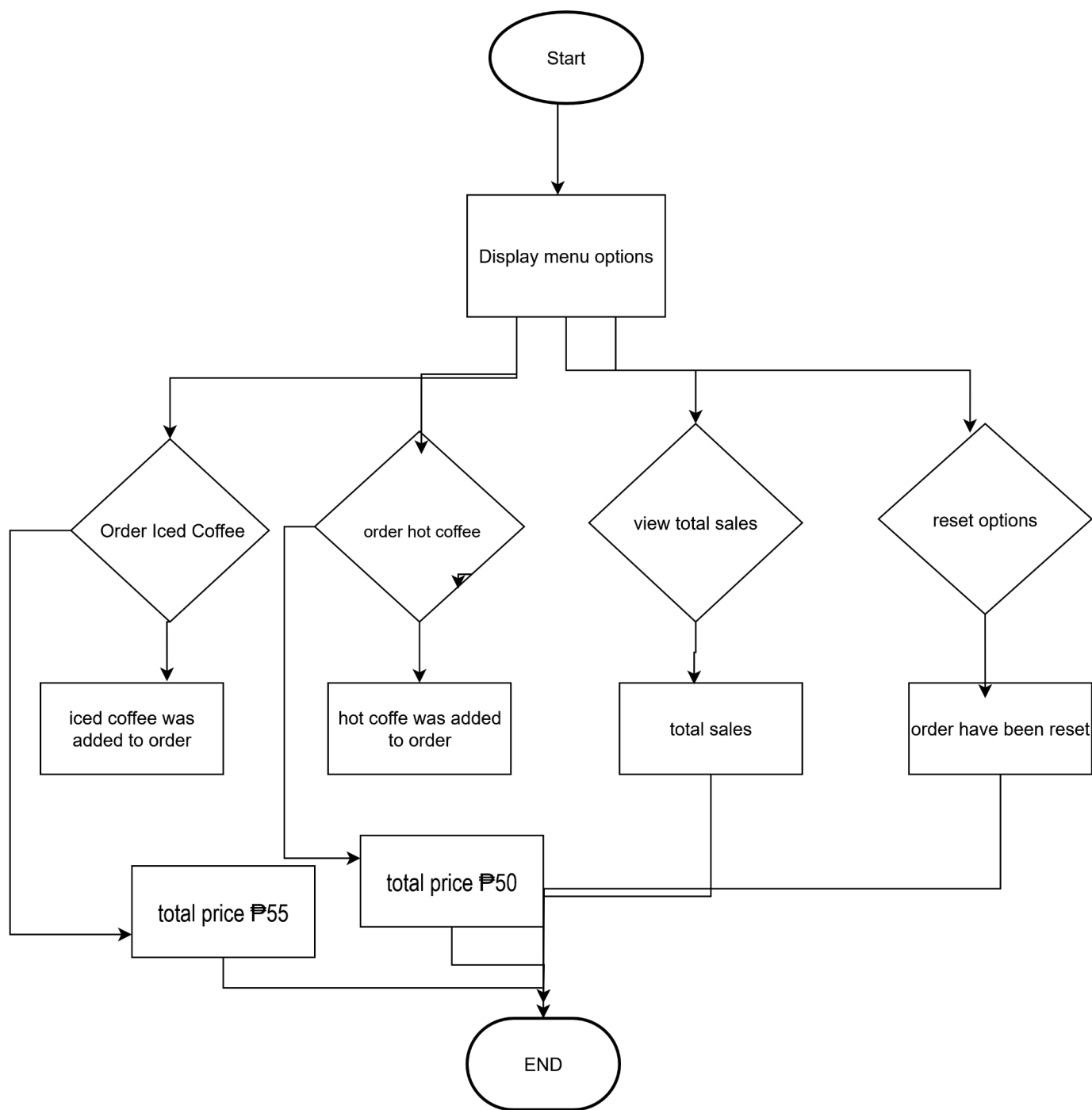


Prelim Exam	
Skills Assessment 2025	
Course Code: CPE007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: 09/02/25
Section: CPE11Sx	Date Submitted: 09/02/25
Name: RAMIREZ, ANGEL MAE C.	Instructor: Engr. Jimlord M. Quejado
Pseudo Code	
<pre> START total_sales ← 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 </pre>	

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 (P55) \n";
        cout << "2. Order Hot Coffee (P50) \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;

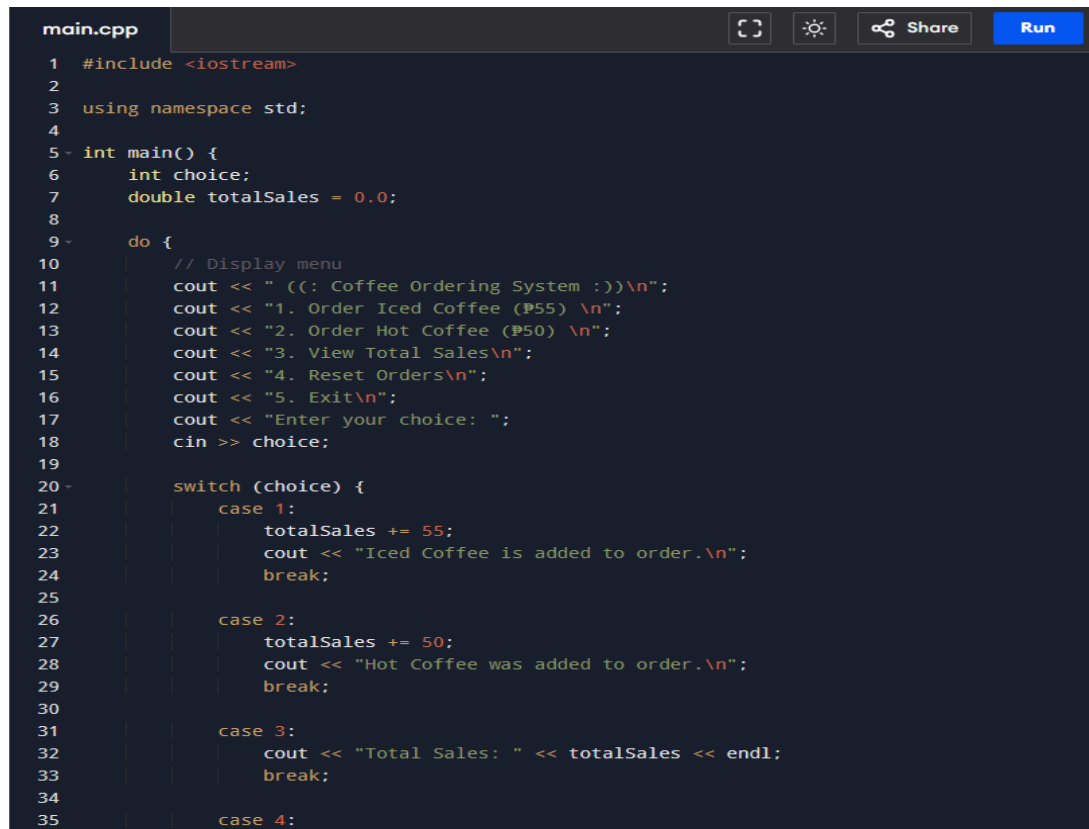
            case 5:
                cout << "Goodbye!";
                break;

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

```
    return 0;
}
```

Output

CODE:

A screenshot of a C++ code editor window titled 'main.cpp'. The editor has a dark theme and includes icons for full-screen, settings, and sharing, along with a blue 'Run' button. The code is a C++ program for a coffee ordering system. It includes the <iostream> header, uses the std namespace, and defines a main function. Inside main, it declares an integer 'choice' and a double 'totalSales' initialized to 0.0. A 'do' loop displays a menu with five options: 1. Order Iced Coffee (P55), 2. Order Hot Coffee (P50), 3. View Total Sales, 4. Reset Orders, and 5. Exit. A 'switch' statement handles the user's choice. Case 1 adds 55 to totalSales and prints 'Iced Coffee is added to order.'. Case 2 adds 50 to totalSales and prints 'Hot Coffee was added to order.'. Case 3 prints the current totalSales. Case 4 is currently empty. The code is as follows:

```
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 (P55) \n";
13         cout << "2. Order Hot Coffee (P50) \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 (P55)
2. Order Hot Coffee (P50)
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 (P55)
2. Order Hot Coffee (P50)
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 (P55)
2. Order Hot Coffee (P50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 3
Total Sales: 105
((: Coffee Ordering System :))
1. Order Iced Coffee (P55)
2. Order Hot Coffee (P50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 4
Orders have been reset.
((: Coffee Ordering System :))
1. Order Iced Coffee (P55)
2. Order Hot Coffee (P50)
3. View Total Sales
```

```
Orders have been reset.
((: Coffee Ordering System :))
1. Order Iced Coffee (P55)
2. Order Hot Coffee (P50)
3. View Total Sales
4. Reset Orders
5. Exit
Enter your choice: 5
Goodbye!

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

