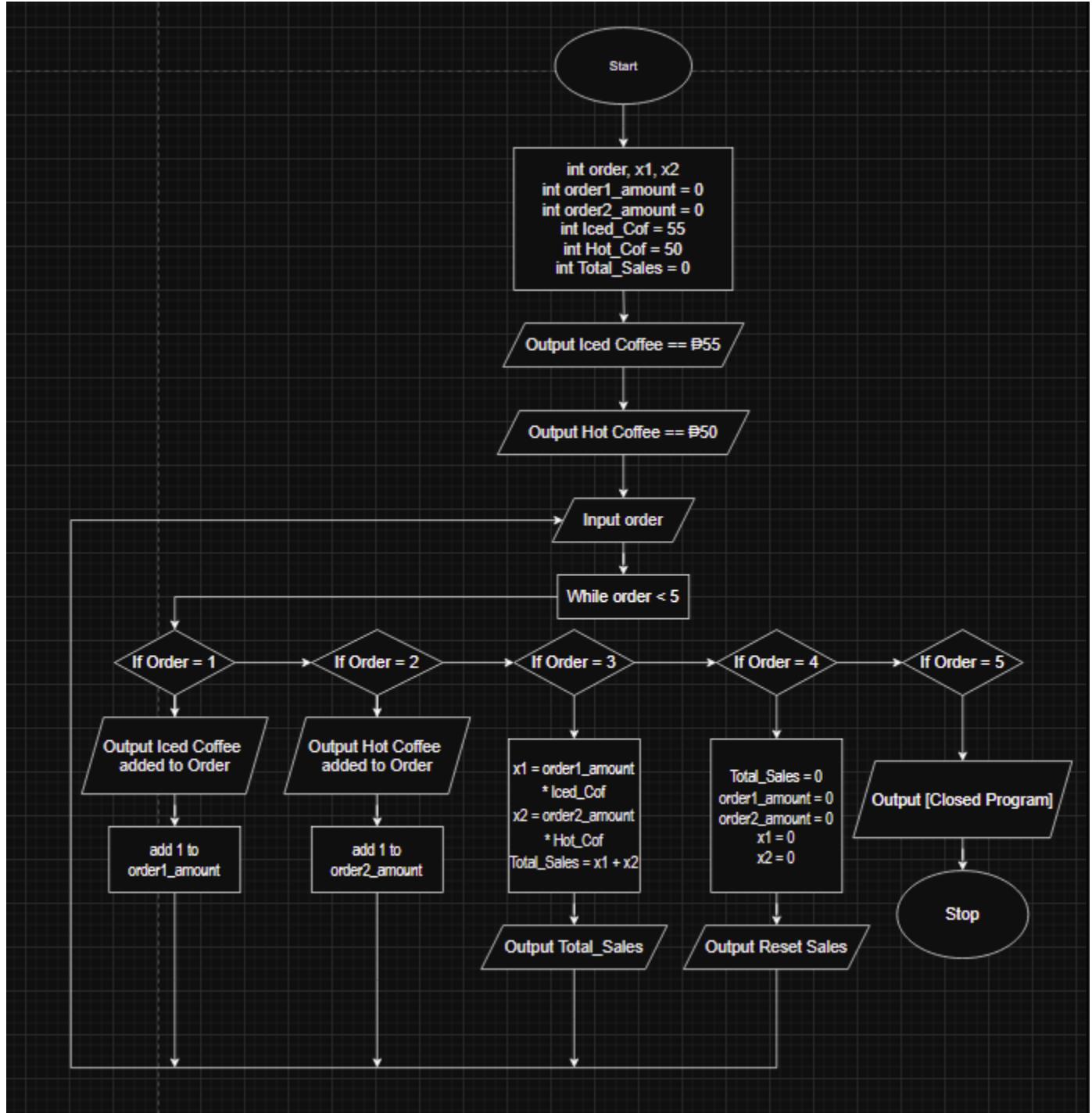


Prelim Exam	
Skills Assessment 2025	
Course Code: CPE007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: September 2, 2025
Section: CPE11S1	Date Submitted: September 2, 2025
Name: Lopez, Andrei Dion C.	Instructor: Engr. Jimlord M. Quejado
Pseudo Code	
Start	
<pre> int order, x1, x2 int order1_amount = 0 int order2_amount = 0 int Iced_Cof = 5 int Hot_Cof = 50 int Total_Sales = 0 Output Iced Coffee == ₱55 Output Hot Coffee == ₱50 Input order While order < 5 if order 1 output confirmation add 1 to order1_amount return to step 5 if order 2 output confirmation add 1 to order2_amount return to step 5 if order 3 x1 = order1_amount * Iced_Cof x2 = order2_amount * Hot_Cof Total_Sales = x1 + x2 Output Total_Sales return to step 5 </pre>	

```
if order 4  
Total_Sales = 0  
order1_amount = 0  
order2_amount = 0  
x1 = 0  
x2 = 0  
return to step 5
```

```
if order = 5  
output [Closed Program]  
stop
```

Flow Chart



Code

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

int main() {

    int order, x1, x2;
    int order1_amount = 0;
    int order2_amount = 0;
    int Iced_Cof = 55;
    int Hot_Cof = 50;
    int Total_Sales = 0;

    cout << "-----]\n";
    cout << "[--- Iced Coffee = ₱55 ---]\n";
    cout << "[--- Hot Coffee = ₱50 ---]\n";
    cout << "-----]\n";

    cout << "Hello! What would you like to order? (1 or 2)\n";
    cout << "(3 for Checkout, 4 to reset order, 5 to close): ";
    cin >> order;

    while (order < 5) {

        switch (order) {
            case 1: ;
                cout << "Iced Coffee added to Order.\n";
                order1_amount++;
                break;
            case 2: ;
                cout << "Hot Coffee added to Order.\n";
                order2_amount++;
                break;
            case 3: ;
                x1 = order1_amount * Iced_Cof;
                x2 = order2_amount * Hot_Cof;
                Total_Sales = x1 + x2;
                cout << "Your total would be: " << Total_Sales << endl;
                order1_amount++;
                break;
            case 4: ;
                Total_Sales = 0;
                order1_amount = 0;
                order2_amount = 0;
                x1 = 0;
                x2 = 0;
                cout << "Reseted Total\n";
                break;
        }
    }
}
```

```
cout << "What else would you like to add? (4 to reset, 5 to close): ";
cin >> order;

}

if (order == 5){
    cout << "[Closing Program]";
}

return 0;
}
```

Output

Output

```
[-----]
[---      Iced Coffee = ₦55      ---]
[---      Hot Coffee = ₦50       ---]
[-----]

Hello! What would you like to order? (1 or 2)
(3 for Checkout, 4 to reset order, 5 to close): 1
Iced Coffee added to Order.

What else would you like to add? (4 to reset, 5 to close): 2
Hot Coffee added to Order.

What else would you like to add? (4 to reset, 5 to close): 3
Your total would be: 105

What else would you like to add? (4 to reset, 5 to close): 4
Reseted Total

What else would you like to add? (4 to reset, 5 to close): 1
Iced Coffee added to Order.

What else would you like to add? (4 to reset, 5 to close): 3
Your total would be: 55

What else would you like to add? (4 to reset, 5 to close): 5
[Closing Program]

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