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**
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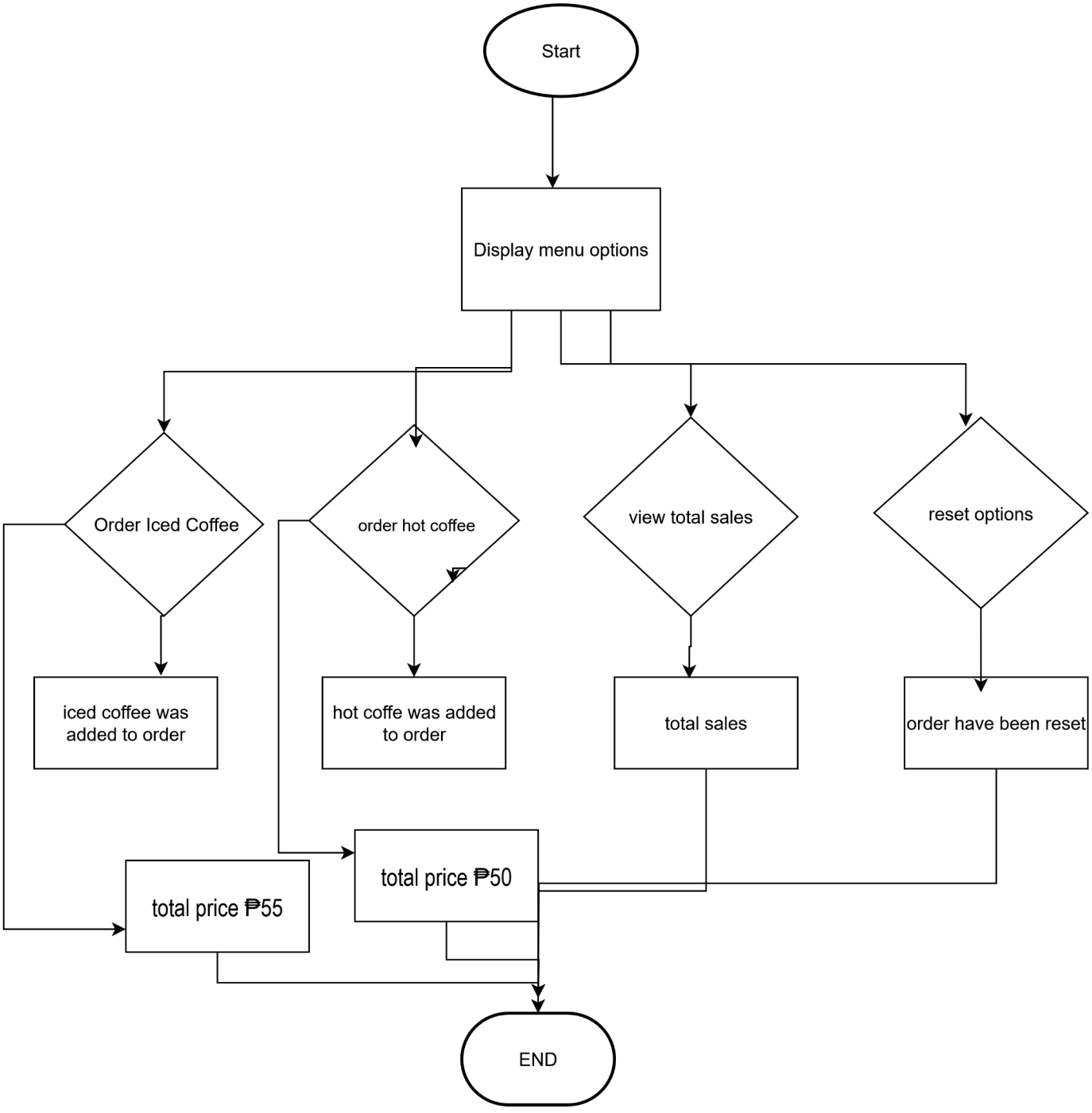
Pseudo Code

```
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


Start
Display menu options
Order Iced Coffee
order hot coffee
view total sales
reset options
iced coffee was added to order
hot coffe was added to order
total sales
order have been reset
total price ₱50
total price ₱55
END

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:

main.cpp

Share Run

```cpp
#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:
```

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 ===
```