

## CASH RECEIPT

Address: 1234 Lorem Ipsum, Dolor

Tel: 123-456-7890

Date: 01-01-2018

10:35

Lorem 6.50

Ipsum 7.50

Dolor Sit 48.00

Amet 9.30

Consectetur 11.90

Adipiscing Elit 1.20

Sed Do 0.40

**Total 84.80**

Sub-total 76.80

Sales Tax 8.00

Balance 84.80

## THANK YOU



# C- Programming project

*BILL MANAGEMENT SYSTEM*

# Menu Driven c program to create bill

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the code implements a basic billing system with options to create and display bills using structs and console interactions. It also contain usage of loops, conditional statements, and basic input/output operations in C.

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cooperating with,

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```
#include <stdio.h>
#include <conio.h>
#include <windows.h>
#define MAX_ITEMS 100
struct Item {
    char name[50];
    int quantity;
    float price;
};
struct Bill {
    struct Item items[MAX_ITEMS];
    int itemCount;
    float totalAmount;
};
```

```
int main()
{
    struct Bill bill;
    bill.itemCount = 0;
    bill.totalAmount = 0.0;
    int n;
    printf("Billing System\n");
    printf("1. Create Bill\n2. Display Bill\n3. Exit\n");
    do {
        printf("Enter choice: ");
        scanf("%d", &n);
        switch (n) {
            case 1: {
                char choice = 'y';
                while (choice != 'n' && choice != 'N') {
                    if (bill.itemCount >= MAX_ITEMS) {
                        printf("Maximum number of items reached.\n");
                        break;
                    }
                }
            }
        }
    } while (n != 3);
}
```

```

case 2:
{
    if (bill.itemCount == 0)
    {
        printf("No items in the bill.\n");
        break;
    }

    SetConsoleTextAttribute(GetStdHandle(STD_OUTPUT_HANDLE), 14); // Set text color to yellow

    ▶ printf("\n===== BILL =====\n");
    printf("%-20s %10s %10s %10s\n", "Item", "Quantity", "Price", "Total");
    printf("-----\n");
    int i = 0;
    while (i < bill.itemCount)
    {
        printf("%-20s %10d %10.2f %10.2f\n", bill.items[i].name,
bill.items[i].quantity,          bill.items[i].price, bill.items[i].quantity * bill.items[i].price);
        i++;
    }
}

```

```
printf("-----\n");
    printf("%-20s %10s %10s %10.2f\n", "Total Amount:", "", "", bill.totalAmount);
    SetConsoleTextAttribute(GetStdHandle(STD_OUTPUT_HANDLE), 7); // Reset text color to white
    break;
}
case 3:
    printf("Thank you.\n");
    break;
default:
    printf("Invalid choice.\n");
}
} while (n != 3);
return 0;
}
```

# OUTPUT

```
Billing System
1. Create Bill
2. Display Bill
3. Exit
Enter choice: 1

Enter item name: Tshirt
Enter quantity: 3
Enter price: 700

Do you want to add more items? (y/n):

Enter item name: Pant
Enter quantity: 2
Enter price: 1800

Do you want to add more items? (y/n):

Enter item name: Egg
Enter quantity: 10
Enter price: 15

Do you want to add more items? (y/n):

Enter item name: Milk
Enter quantity: 2
Enter price: 60

Do you want to add more items? (y/n):

Enter item name: Donout
Enter quantity: 7
Enter price: 15

Do you want to add more items? (y/n):
Enter choice: 2
```

Do you want to add more items? (y/n):  
Enter choice: 2

===== BILL =====

Item	Quantity	Price	Total
Tshirt	3	700.00	2100.00
Pant	2	1800.00	3600.00
Egg	10	15.00	150.00
Milk	2	60.00	120.00
Donout	7	15.00	105.00
Total Amount:			6075.00

Enter choice: |

Enter choice: 3

Program EXIT !