

```
1 using System;
2 using zhuang_c_sharp;
3
4 namespace Test1
5 {
6     class Program
7     {
8         static void Main(string[] args)
9         {
10             List<drink> drinks = new List<drink>();
11             List<order> orders = new List<order>();
12             menuCreate(drinks);
13             menuPrint(drinks);
14             menuPost(drinks, orders);
15             menuCount(orders);
16         }
17
18         private static void menuCount(List<order> orders)
19         {
20             double total = 0.0;
21             string message = "";
22             double sellPrice = 0.0;
23
24             foreach (order order in orders)
25             {
26                 total += order.subtotal;
27             }
28
29             if (total ≥ 500)
30             {
31                 message = "訂單滿500元以上者8折";
32                 sellPrice = total * 0.8;
33             }
34             else if (total ≥ 300)
35             {
36                 message = "訂單滿300元以上者85折";
37                 sellPrice = total * 0.85;
38             }
39             else if (total ≥ 200)
40             {
41                 message = "訂單滿200元以上者9折";
42                 sellPrice = total * 0.9;
43             }
44             else
45             {
46                 message = "訂單未滿200元不打折";
47                 sellPrice = total;
48             }
49
50             Console.WriteLine();
51             Console.WriteLine($"您總共訂購了{orders.Count}個品項，總金額為
52                 {total}元，{message}");
53             Console.WriteLine(message);
```

```
53         Console.WriteLine($"折扣後金額為{sellPrice:C2}"); // C2 意思為 2
54         $
55     }
56     private static void menuPost(List<drink> drinks, List<order> orders)
57     {
58         int id, quantity, subtotal;
59         string s;
60         Console.WriteLine("請輸入編號:");
61         s = Console.ReadLine();
62         if(s == "x")
63         {
64             Console.WriteLine("歡迎再光臨!");
65             return;
66         }
67         else
68         {
69             id = Convert.ToInt32(s);
70         }
71
72         Console.WriteLine("請輸入數量");
73         s = Console.ReadLine();
74         if(s == "x")
75         {
76             Console.WriteLine("歡迎再光臨!");
77             return;
78         }
79         else
80         {
81             quantity = Convert.ToInt32(s);
82             subtotal = quantity * drinks[id].price;
83             Console.WriteLine($"您購買了{drinks[id].name} · {quantity} 杯 · 一杯{drinks[id].price}元!");
84             orders.Add(new order { id = id, quantity = quantity, subtotal = subtotal });
85         }
86     }
87
88     private static void menuPrint(List<drink> drinks)
89     {
90         Console.WriteLine("以下是我們的飲料菜單哦~");
91         Console.WriteLine("{0,-5}{1,-7}{2,-5}{3,-5}", "編號", "名稱", "大小", "價錢");
92         int i = 0;
93         foreach (drink drink in drinks)
94         {
95             Console.WriteLine($"{i,-7}{drink.name,-7}{drink.size,-5}{drink.price,-5}");
96             i++;
97         }
98     }
99
```

```
100     private static void menuCreate(List<drink> myDrinkArr)
101     {
102         myDrinkArr.Add(new drink() { name = "綠茶", size = "大杯", price = 50 });
103         myDrinkArr.Add(new drink() { name = "抹茶", size = "中杯", price = 55 });
104         myDrinkArr.Add(new drink() { name = "奶茶", size = "大杯", price = 60 });
105         myDrinkArr.Add(new drink() { name = "紅茶", size = "大杯", price = 58 });
106         myDrinkArr.Add(new drink() { name = "烏龍", size = "中杯", price = 30 });
107     }
108 }
109 }
```