1. using System;
2. using zhuang\_c\_sharp; 3

4 namespace Test1 5 {

6 class Program

7 {

8 static void Main(string[] args)

9 {

1. List<drink> drinks = new List<drink>();
2. List<order> orders = new List<order>();
3. menuCreate(drinks);
4. menuPrint(drinks);
5. menuPost(drinks,orders);
6. menuCount(orders); }

17

18 private static void menuCount(List<order> orders) 19 {

1. double total = 0.0;
2. string message = "";
3. double sellPrice = 0.0; 23

24 foreach (order order in orders)

25 {

26 total += order.subtotal; 27 }

28

29 if (total >= 500)

30 {

1. message = "訂單滿500元以上者8折";
2. sellPrice = total \* 0.8; 33 }

34 else if (total >= 300)

35 {

1. message = "訂單滿300元以上者85折";
2. sellPrice = total \* 0.85; 38 }

39 else if (total >= 200)

40 {

1. message = "訂單滿200元以上者9折";
2. sellPrice = total \* 0.9; 43 }

44 else

45 {

1. message = "訂單未滿200元不打折";
2. sellPrice = total; 48 }

49

1. Console.WriteLine();
2. Console.WriteLine($"您總共訂購了{orders.Count}個品項，總金額為{total}元，

{message}");

1. Console.WriteLine(message);

53

54 }

55

Console.WriteLine($"折扣後金額為{sellPrice:C2}"); // C2 意思為 $

56 private static void menuPost(List<drink> drinks, List<order> orders) 57 {

1. int idpoint,id, quantity, subtotal;
2. string s;
3. while (true)

61 {

1. Console.WriteLine("請輸入編號:");
2. s = Console.ReadLine();

64 if (s == "x")

65 {

1. Console.WriteLine("歡迎再光臨!");
2. return;

68 }

1. id = Convert.ToInt32(s);
2. if (id < 0 || id >= drinks.Count)

71 {

1. Console.WriteLine("請輸入正確編號!");
2. Console.WriteLine

(" ");

|  |  |  |
| --- | --- | --- |
| 74 |  | continue; // 回到迴圈的開始 |
| 75 | } |  |
| 76 | else |  |
| 77 | { |  |

78

79 }

80

81

82

id = Convert.ToInt32(s);

1. Console.WriteLine("請輸入數量");
2. s = Console.ReadLine();

85 if(s == "x")

86 {

1. Console.WriteLine("歡迎再光臨!");
2. return;

89 }

90 else

91 {

1. quantity = Convert.ToInt32(s);
2. subtotal = quantity \* drinks[id].price;
3. Console.WriteLine($"您購買了{drinks[id].name}，{quantity}杯，一杯

{drinks[id].price}元!");

1. orders.Add(new order { id = id, quantity = quantity, subtotal = subtotal });
2. Console.WriteLine

(" ");

|  |  |  |
| --- | --- | --- |
| 97 |  | } |
| 98 | } |  |
| 99 | } |  |
| 100 |  |  |
| 101 | private | static void menuPrint(List<drink> drinks) |



|  |  |  |
| --- | --- | --- |
| 102 | { |  |
| 103 |  | Console.WriteLine("以下是我們的飲料菜單哦~"); |
| 104 |  | Console.WriteLine("{0,-5}{1,-7}{2,-5}{3,-5}", "編號", "名稱", "大小", "價 |

錢");

105 Console.WriteLine

(" ");

|  |  |
| --- | --- |
| 106 | int i = 0; |
| 107 | foreach (drink drink in drinks) |
| 108 | { |
| 109 | Console.WriteLine($"{i,-7}{drink.name,-7}{drink.size,-5} |

{drink.price,-5}");

110 Console.WriteLine

(" ");

|  |  |  |
| --- | --- | --- |
| 111 |  | i++; |
| 112 | } |  |
| 113 | } |  |
| 114 |  |  |
| 115 | private | static void menuCreate(List<drink> myDrinkArr) |
| 116 | { |  |

117

118

119

120

121

122

123 }

124 }

125 }

myDrinkArr.Add(new drink() { name = "咖啡", size = "大杯", price = 60 }); myDrinkArr.Add(new drink() { name = "咖啡", size = "中杯", price = 50 }); myDrinkArr.Add(new drink() { name = "紅茶", size = "大杯", price = 30 }); myDrinkArr.Add(new drink() { name = "紅茶", size = "中杯", price = 20 }); myDrinkArr.Add(new drink() { name = "綠茶", size = "大杯", price = 25 }); myDrinkArr.Add(new drink() { name = "綠茶", size = "中杯", price = 20 });

drink.cs



1 namespace zhuang\_c\_sharp 2 {

3 nternal class dr nk

4 {

1. publ c str ng name { get; set; }
2. publ c str ng s ze { get; set; }
3. publ c nt pr ce { get; set; } 8 }

9 }

10

order.cs 1

1 namespace zhuang\_c\_sharp 2 {

3 nternal class order

4 {

1. publ c nt d { get; set; }
2. publ c nt quant ty { get; set; }
3. publ c nt subtotal { get; set; } 8 }

9 }

10

**輸出結果 :**

一張含有 文字, 螢幕擷取畫面, 軟體, 陳列 的圖片

自動產生的描述