1. 实例5输出库存商品的名称

源代码：

using System;

namespace ConsoleApp1

{

public class cStockInfo

{

public string FullName

{

get;

set;

}

public void ShowGoods()

{

Console.WriteLine("库存商品名称:");

Console.WriteLine(FullName);

}

}

public class Program

{

static void Main(string[] args)

{

cStockInfo stockInfo = new cStockInfo();

stockInfo.FullName = "笔记本电脑";

stockInfo.ShowGoods();

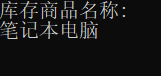
Console.ReadLine();

}

}

}

效果截图：



1. 方法的对象

源代码：

using System;

namespace ConsoleApp1

{

public class Program

{

private int Add(int x, int y)

{

x = x + y;

return x;

}

private int Add(ref int x, int y)

{

x = x + y;

return x;

}

private int Add(int x, int y, out int z)

{

z = x + y;

return z;

}

private int Add(params int[] x)

{

int result = 0;

for (int i = 0; i < x.Length; i++)

{

result += x[i];

}

return result;

}

static void Main(string[] args)

{

Program pro = new Program();

int x = 30;

int y = 40;

int z;

Console.WriteLine("值参数的使用:" + pro.Add(x, y));

Console.WriteLine("值参数中实参x的值：" + x);

Console.WriteLine("ref参数的使用：" + pro.Add(ref x, y));

Console.WriteLine("ref参数中实参x的值:" + x);

Console.WriteLine("out参数的使用:" + pro.Add(x, y, out z));

Console.WriteLine("params参数的使用:" + pro.Add(20, 30, 40, 50, 60));

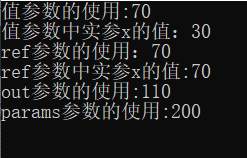
Console.ReadLine();

}

}

}

效果截图：



3方法的重载

using System;

namespace ConsoleApp1

{

public class Program

{

public static int Add(int x, int y)

{

return x + y;

}

public double Add(int x, double y)

{

return x + y;

}

public int Add(int x, int y, int z)

{

return x + y + z;

}

static void Main(string[] args)

{

Program program = new Program();

int x = 3;

int y = 5;

int z = 7;

double y2 = 5.5;

Console.WriteLine("第1种重载的形式:" + x + "+" + y + "=" + Program.Add(x, y));

Console.WriteLine("第2种重载的形式:" + x + "+" + y2 + "=" + program.Add(x, y2));

Console.WriteLine("第3种重载的形式:" + x + "+" + y + "+" + z + "=" + program.Add(x, y, z));

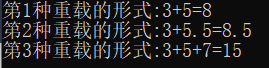
Console.ReadLine();

}

}

}

效果截图：



4继承的实现

源代码：

using System;

namespace ConsoleApp1

{

class Goods

{

public string TradeCode { get; set; }

public string FullName { get; set; }

}

class JHInfo : Goods

{

public string JHID { get; set; }

public void showInfo()

{

Console.WriteLine("进货编号:{0}\n商品编号:{1}\n商品名称:{2}", JHID, TradeCode, FullName);

}

}

public class Program

{

static void Main(string[] args)

{

JHInfo jh = new JHInfo();

jh.TradeCode = "T100001";

jh.FullName = "笔记本电脑";

jh.JHID = "JH00001";

jh.showInfo();

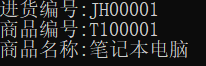
Console.ReadLine();

}

}

}

效果截图：



5base关键字

源代码：

using System;

namespace ConsoleApp1

{

class Computer

{

public string sayHello()

{

return "欢迎使用";

}

}

class Pad : Computer

{

public new string sayHello()

{

return base.sayHello() + "平板电脑";

}

}

public class Program

{

static void Main(string[] args)

{

Computer pc = new Computer();

Console.WriteLine(pc.sayHello());

Pad ipad = new Pad();

Console.WriteLine(ipad.sayHello());

Console.ReadLine();

}

}

}

效果截图：

