1、class Program

{

static int SumVals(params int[] vals)

{

int sum = 0;

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

{

sum += vals[i];

vals[i] = vals[i] \* vals[i];

}

return sum;

}

public static void Main()

{

int[] a={1, 6, 3, 5, 7};

int s=SumVals(a);

Console.WriteLine("Summed Values={0};"+"a[4]={1}", s,a[4]);

Console.ReadKey();

}

} 程序运行结果

2、public class A

{

public static int x = 26;

public static int y = 2016;

}

public class B : A

{

new public static int x = 100;

public static void Main()

{

Console.WriteLine(x);

Console.WriteLine(A.x);

Console.WriteLine(y);

Console.Read();

}

} 程序运行结果

3、interface IDistributable

{

void Distribute();

}

public class Print

{

protected int num;

protected double prc;

public Print(int n, double p)

{

num = n;

prc = p;

Console.WriteLine("Number: {0}, Price: ￥{1} ", num, prc);

}

}

public class LectureNotes : Print, IDistributable

{

protected string Name;

public LectureNotes(string nm, int n, double p): base(n, p)

{

Name = nm;

}

public void Notes()

{

Console.WriteLine("The LectureNotes is " + Name);

}

public void Distribute()

{

Console.WriteLine("Distributed in campus!" + "Number: {0}, Price: ￥{1} ", num, prc);

}

}

public class Test

{

public static void Main()

{

LectureNotes LN = new LectureNotes("C# Programming", 400, 28) ;

LN.Notes();

LN.Distribute();

Console.Read();

}

} 程序运行结果

4、public class Employee

{

public string name;

public double salary;

public double increase;

public Employee(string n, double m)

{

name = n;

salary = m;

}

public void Print()

{

Console.WriteLine("Name:{0}", name);

Console.WriteLine("Salary:{0:c}", salary);

Console.WriteLine("Increase:{0:c}", increase);

}

public virtual void Raise(double percent)

{

increase = salary \* percent;

}

}

public class Bachelor : Employee

{

public Bachelor(string n, double m): base(n, m)

{ }

public override void Raise(double percent)

{

base.Raise(percent);

increase = 2 \* increase;

}

}

public class Test

{

public static void Main()

{

Employee N = new Employee("王明", 5000);

N.Raise(0.05);

N.Print();

Bachelor B = new Bachelor("John", 7000);

B.Raise(0.1);

B.Print();

Console.Read();

}

} 程序运行结果