

```
using System;

class Animal
{
    public int NumberOfLegs { get; }

    public Animal(int numberOfLegs)
    {
        NumberOfLegs = numberOfLegs;
    }

    public virtual string Sound()
    {
        return "";
    }
}

class Dog : Animal
{
    public Dog() : base(numberOfLegs: 4) { }

    public override string Sound()
    {
        return "baw baw";
    }
}

class Spider : Animal
{
    public Spider() : base(numberOfLegs: 8) { }

    public override string Sound()
    {
        return "chirr chirr";
    }
}

class Program
{
    static void Main(string[] args)
    {
        Dog dog = new Dog();
        Console.WriteLine($"Dog has {dog.NumberOfLegs} legs and makes sound: {dog.Sound()}");

        Spider spider = new Spider();
```

```
Console.WriteLine($"Spider has {spider.NumberOfLegs} legs and makes sound:  
{spider.Sound()}");  
}  
}
```

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