```csharp
// Introduction to Windows and Web Applications in C#
// demonstration of classes and methods
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using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Diagnostics;

namespace Class04
{
    partial class Program
    {
        static void Main(string[] args)
        {
            DemoPet();
        }

        static void DemoPet()
        {
            Pet dog = new Pet();
            dog.Name = "Spot";
            Console.WriteLine(dog.Name);

            Pet cat = new Pet("Fluffy", 4, Species.Cat);
            Console.WriteLine("The cat's name is {0} and its age is {1}.",
                    cat.Name, cat.Age);

            Pet fluffy = new Pet("Fluffy", 4, Species.Cat);
            fluffy.MakeNoise();
            int birthyear = fluffy.CalculateBirthYear();
            Console.WriteLine("Fluffy was born in {0}.", birthyear);

            fluffy.MakeAnnoyingNoise(3);
        }
    }
}
```