

```

abstract class Animal {
    abstract void noise();
}
class Dog extends Animal {
    private static int count = 0;
    public Dog() {};
    public void noise() {
        System.out.println("Woof");
        increment();
    }
    public static void increment() { count++; }
    public static int getCount() { return count; }
}
class Cat extends Animal {
    private static int count = 0;
    public Cat() {};
    public void noise() {
        System.out.println("Meow");
        increment();
    }
    public static void increment() { count++; }
    public static int getCount() { return count; }
}
public class Counter{
    public static void main(String[] args) {
        Animal[] a = {new Dog(), new Cat(), new Cat(), new Dog(), new Dog()};
        for (int i = 0; i < a.length; i++)
            a[i].noise();
        System.out.println(Dog.getCount() + " woofs and " + Cat.getCount() + " meow");
    }
}

```