```java
//Animal.java
public class Animal {
    Animal()
    {
        System.out.println("This is the constructor of the animal class");
    }
    public void animal_sound()  {
        System.out.println("This is sound coming from Animal class");
    }
}
```

```java
//Cat.java
public class Cat extends Animal {
    Cat()
    {
        System.out.println("This is the constructor of the Cat class");
    }
    public void animal_sound() {
        System.out.println("This sound is coming from a cat");
    }

}
```

```java
//Dog.java
public class Dog extends Animal {

    Dog()
    {
        System.out.println("This is  the constructor of the Dog class");
    }
    public void animal_sound() {

        System.out.println("This sound is coming from a dog");
        super.animal_sound();
    }

}
```

```java
//TestAnimal.java
public class TestAnimal {

    public static void main(String[] args) {

        Animal a = new Animal();
        Dog b = new Dog();
        Animal c = new Cat();

        a.animal_sound();
        b.animal_sound();
        c.animal_sound();

        Dog d = new Dog();
        d.animal_sound();
    }
}
```