```java
//To demonstrate Inheritance and method over Writing
 class Animal{

    public void init(){
        System.out.println("I am an animal");

    }
}
 class Dog extends Animal
{
    public void init(){
        System.out.println("I am an Dog");
    }
    public void bark(){
        System.out.println("Bark");
    }

}
public class MethodOverwriting{
    public static void main(String[] args) {
            Animal animal = new Animal();
            Dog dog = new Dog();
            animal.init();
            dog.init();
            dog.bark();

        }
}
```