

```

1 package mypackage;
2
3 class Anim{ //parent or super or derived class
4 public void animal_method() {
5     System.out.println("Animal method");
6 }
7 }
8 class Dog extends Anim{ //child or sub class
9 public void dog_method() { //child method
10     System.out.println("Bow Bow!!!");
11 }
12 }
13
14 }
15 class Cat extends Anim{ //child or sub class (hierarchical inheritance)
16 public void cat_method() { //child method
17     System.out.println("Meow Meow!!!!");
18 }
19 }
20 }
21 public class Animal_inheritance {
22
23     public static void main(String[] args) {
24         Dog cd=new Dog();
25         Cat d=new Cat();
26         cd.animal_method();
27         cd.dog_method();
28         d.cat_method();
29     }
30 }
31 }
32
33
34
35
36
37

```