```java
package mypackage;

class Anim{  //parent or super or derived class
 public void animal_method() {
  System.out.println("Animal method");
 }
}
class Dog extends Anim{  //child or sub class
 public void dog_method() { //child method
  System.out.println("Bow Bow!!!");

 }

}
class Cat extends Anim{  //child or sub class (hierarchical inheritance)
 public void cat_method() { //child method
  System.out.println("Meow Meow!!!!");

 }
}
public class Animal_inheritance {

 public static void main(String[] args) {
  Dog cd=new Dog();
  Cat d=new Cat();
  cd.animal_method();
  cd.dog_method();
  d.cat_method();
 }

}
```