public class Animal

{

}

public class Mammal extends Animal

{

}

public class Reptile extends Animal

{

}

public class Dog extends Mammal

{

public static void main(String args[])

{

Animal a = new Animal();

Mammal m = new Mammal();

Dog d = new Dog();

System.out.println(a instanceof Animal);

System.out.println(m instanceof Mammal);

System.out.println(d instanceof Animal);

}

}