Class Animal {

private String color;

public Animal(String color) {

this.color = color;

}

public String getColor() {

return color;

}

public void setColor(String color) {

this.color = color;

}

}

Class Dog exteds Animal{

private String name;

private String breed;

private String barkNoise = "woof";

private double weight;

public Dog(String name, String breed, double weight) {

super("");

this.name = name;

this.breed = breed;

this.weight = weight;

}

public Dog(String name, String breed, String barkNoise, double weight, String color) {

super(color);

this.name = name;

this.breed = breed;

this.barkNoise = barkNoise;

this.weight = weight;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getBreed() {

return breed;

}

public void setBreed(String breed) {

this.breed = breed;

}

public double getWeight() {

return weight;

}

public void setWeight(double weight) {

this.weight = weight;

}

public string getBarkNoise() {

return barkNoise;

}

public void Bark() {

System.out.println(barkNoise);

}

public void bark(String customNoise) {

System.out.println(customNoise);

}

}

class Fish extends Animal{

private String breed;

private String waterType;

public Fish(String breed, String waterType, String Color) {

super(color);

this.breed = breed;

this.waterType = waterType;

}

public String getBreed() {

}

public void setBreed(String breed) {

this.breed = breed;

}

public String getWaterType() {

return waterType;

}

public void setWaterType(String waterType) {

this.waterType = waterType;

}

}

public class AnimalTester {

public static void main(String[] args){

Dog dog1 = new Dog("Ace", "Beagle", 45.6);

Dog dog2 = new Dog("Bailey", "Boerboel", "arf-arf", 80.2, "brown");

System.out.println("Dog 1:");

System.out.println("Name: " + dog1.getName());

System.out.println("Breed: " + dog1.getBreed());

System.out.println("Bark noise: " + dog1.getBarkNoise());

System.out.println("Weight: " + dog1.getWeight);

System.out.println("\nDog2:");

System.out.println("Name: " + dog2.getName());

System.out.println("Breed: " + dog2.getBreed());

System.out.println("Bark noise: " + dog2.getBarkNoise());

System.out.println("Weight: " + dog2.getWeight());

Fish fish = new Fish("Goldfish", "cold", "red");

System.out.println("\nFish");

System.out.println("Breed" + fish.getBreed());

System.out.println("Water type: " + fish.getWaterType());

System.out.println("Color: " + fish.getColor());

}

}