**Dog Class**

public class Dog

{

private String name;

private String type;

private String color;

private String size;

private double length;

private int age;

Dog(String n,String t,String c,String s,double l,int a)

{

this.name=n;

this.type=t;

this.color=c;

this.size=s;

this.length=l;

this.age=a;

}

private void Dogbarking()

{

System.out.println(name+" "+"is barking");

}

private double run(double s)

{

double speed=s;

return speed;

}

public static void main(String[] args)

{

Dog dog1=new Dog("Tom","Husky","White","Max",5.5,4);

System.out.println(dog1.name);

dog1.Dogbarking();

double speed1=dog1.run(19.2);

System.out.println(speed1);

Dog dog2=new Dog("Jerry","German Shepherd","Brown","Max",3.5,3);

System.out.println(dog2.name);

dog2.Dogbarking();

double speed2=dog2.run(15.2);

System.out.println(speed2);

Dog dog3=new Dog("Max","Bull Dog","Black","Min",4.5,6);

System.out.println(dog3.name);

dog3.Dogbarking();

double speed3=dog3.run(28.4);

System.out.println(speed3);

}

}