

Delos Reyes, Aikon N.
BSIT-1D
Activity: Class Dog AnimalTester

```
1 // Delos Reyes, Aikon N.
2 // BSIT 1D
3 // Class Dog AnimalTester
4 package animalshop;
5 class Dog {
6     private String name;
7     private String breed;
8     private double weight;
9     private String barkNoise = "woof";
10
11     public Dog(String name, String breed, double weight) {
12         this.name = name;
13         this.breed = breed;
14         this.weight = weight;
15     }
16
17     public Dog(String name, String breed, String noise, double weight){
18         this.name = name;
19         this.breed = breed;
20         barkNoise = noise;
21         this.weight = weight;
22     }
23
24     public String getName(){
25         return name;
26     }
27     public void setName(String name){
28         this.name = name;
29     }
30     public String getBreed(){
31         return breed;
32     }
33     public void setBreed(String breed){
34         this.breed = breed;
35     }
36     public double getWeight(){
37         return weight;
38     }
39     public void setWeight(double weight){
40         this.weight = weight;
41     }
42     public void bark(){
43         System.out.println("Bark noise");
44     }
45     public void bark(String barkNoise){
46         System.out.println("Bark noise");
47     }
48 }
```

```
1 package animalshop;
2
3 public class AnimalTester {
4
5     public static void main(String[] args) {
6         Dog dog1 = new Dog( name: "Ace", breed: "Beagle", weight: 45.6);
7         Dog dog2 = new Dog( name: "Bailey", breed: "Boerboel", noise: "arf-arf", weight: 80.2);
8
9         System.out.println("Dog name : " + dog1.getName());
10        System.out.println("Dog breed : " + dog1.getBreed());
11        System.out.println("Bark noise : ");
12        dog1.bark();
13        System.out.println("Dog weight: " + dog1.getWeight());
14
15        System.out.println("Dog name : " + dog2.getName());
16        System.out.println("Dog breed : " + dog2.getBreed());
17        System.out.println("Bark noise : ");
18        dog2.bark();
19        System.out.println("Dog weight: " + dog2.getWeight());
20
21    }
22
23 }
```

Output:

```
run:
Dog name : Ace
Dog breed : Beagle
Bark noise :
woof
Dog weight: 45.6
Dog name : Bailey
Dog breed : Boerboel
Bark noise :
arf-arf
Dog weight: 80.2
BUILD SUCCESSFUL (total time: 0 seconds)
```