

```
1 public class Dog3
2 {
3     private String name;
4     private String breed;
5     private int age;
6
7     public Dog3 (String strName, String strBreed, int intAge){
8         name = strName;
9         breed = strBreed;
10        age = intAge;
11    }
12
13    public void writeOutput(){
14        System.out.println("Name: " + name);
15        System.out.println("Breed: " + breed);
16        System.out.println("Age in calendar years: " + age);
17        System.out.println("Age in human years: " + getAgeInHumanYears());
18        System.out.println();
19    }
20
21    public int getAgeInHumanYears(){
22        int humanYears = 0;
23        if (age <= 2)
24            {
25                humanYears = age * 11;
26            }
27        else
28            {
29                humanYears = 22 + ((age-2) * 5);
30            }
31        return humanYears;
32    }
33
34    public void setName(String str){
35        name = str;
36    }
37
38    public void setBreed(String str){
39        breed = str;
40    }
41
42    public void setAge(int val){
43        age = val;
44    }
45
46    public String getName(){
47        return name;
48    }
49
50    public String getBreed(){
51        return breed;
52    }
53
54    public int getAge(){
55        return age;
56    }
57 }
```