

```
1 public class Dog2
2 {
3     private String name;
4     private String breed;
5     private int age;
6
7     public void writeOutput()
8     {
9         System.out.println("Name: " + name);
10        System.out.println("Breed: " + breed);
11        System.out.println("Age in calendar years: " + age);
12        System.out.println("Age in human years: " + getAgeInHumanYears());
13        System.out.println();
14    }
15
16    public int getAgeInHumanYears()
17    {
18        int humanYears = 0;
19        if (age <= 2)
20        {
21            humanYears = age * 11;
22        }
23        else
24        {
25            humanYears = 22 + ((age-2) * 5);
26        }
27        return humanYears;
28    }
29    public void setName(String str)
30    {
31        name = str;
32    }
33    public void setBreed(String str)
34    {
35        breed = str;
36    }
37    public void setAge(int val)
38    {
39        age = val;
40    }
41    public String getName()
42    {
43        return name;
44    }
45    public String getBreed()
46    {
47        return breed;
48    }
49    public int getAge()
50    {
51        return age;
52    }
53 }
```