

```

1 package club.westcs.biome;
2
3 public class Prey extends Animal{
4
5     //Attributes
6     public static int preyPopulation = 0;
7
8     //Constructor
9     public Prey() {
10         super(); // calls the constructor of the parent class
11         preyPopulation++;
12     }
13
14     @Override
15     public Animal baby(Animal other) {
16         if(other instanceof Prey) { // Object instanceof Object checks if the two are exactly the same class type
17             if(this.gender != other.isGender()) {
18                 if(rand.nextBoolean()) { // birth rate
19                     return new Prey();
20                 }
21             }
22         }
23         return null;
24     }
25
26
27     @Override
28     public Animal life(Animal other, int food) {
29         setHunger(food);
30         setLifeSpan();
31         stillAlive();
32         if(this.alive == false) {
33             preyPopulation--;
34             return null;
35         }
36         return baby(other);
37     }
38
39
40
41
42
43 }
44

```