```
package club.westcs.OldMrYoung;
 3@ import java.util.ArrayList;
 4 import java.util.Random;
 6 public class Farm {
 7
   //Attributes
       private Random rand;
 8
 9
       private ArrayList<Animal> animals, song;
10
11 //Constructor
120
       public Farm() {
13
            rand = new Random();
14
           animals = new ArrayList<>();
15
           song = new ArrayList<>();
           addAnimals();
16
17
           makeSong();
18
19
20 //Methods
210
       public void addAnimals() {
           this.animals.add(new Pig());
22
23
           this.animals.add(new Horse());
24
           this.animals.add(new Cow());
25
           this.animals.add(new Sheep());
           this.animals.add(new Chicken());
26
27
           this.animals.add(new Duck());
28
           this.animals.add(new Goat());
29
           this.animals.add(new Ox());
30
           this.animals.add(new Goose());
31
           this.animals.add(new Fox());
32
       }
33
         10/20
349
        public void makeSong() {
35
            for(int i = 1; animals.size() > 0; i++) {
36
                int index = rand.nextInt(animals.size());
37
                Animal temp = animals.remove(index);
38
                temp.setNumber(i);
39
                song.add(temp);
40
        }
41
42
        public void runSong() {
439
44
            while(song.size() > 0) {
45
                Animal singer = song.remove(song.size()-1);
46
                singer.runSong();
47
            }
48
        }
49
50 }
51
```