

```

1  /**
2   * description
3   * @author Heidi Hacker
4   * @version 1.01 2005-02-15
5   */
6
7  import java.util.Scanner;
8  import java.util.List;
9  import java.util.ArrayList;
10 import java.util.Collections;
11 import static java.lang.System.*;
12
13 public class ToyStore
14 {
15     private List<Toy> toyList;
16
17     public ToyStore()
18     {
19         //new array list of toys for toyList
20         toyList = new ArrayList<Toy>();
21     }
22
23     public void loadToys( String toys )
24     {
25         //take input of toys string,
26         //if toy name found in toyList use setCount with getCount to add 1 to the count
27         //of that toy type,
28         //else add a new toy to the toyList
29         String[] toyNames = toys.split("\\s+");
30         for( String name: toyNames ) {
31             boolean inList = false;
32             for( Toy e: toyList ) {
33                 if( e.getName().equals( name ) ) {
34                     e.setCount( e.getCount() + 1 );
35                     inList = true;
36                 }
37             }
38             if( !inList )
39                 toyList.add( new Toy( name ) );
40         }
41
42     public Toy getThatToy( String nm )
43     {
44         //find a specific toy in the list
45         for( Toy e: toyList )
46             if( e.getName().equals( nm ) )
47                 return e;
48         return null;
49     }
50
51     public String getMostFrequentToy()
52     {
53         //EXTRA CREDIT find the largest count and return the name
54         int maxCount = 0;
55         for( Toy e: toyList )
56             if( e.getCount() > maxCount )
57                 maxCount = e.getCount();
58
59         for( Toy e: toyList )
60             if( e.getCount() == maxCount )
61                 return e.getName();
62         return null;
63     }
64
65     public void sortToysByCount()
66     {

```

```
66         //EXTRA CREDIT sort toyList by count
67         //TODO
68     }
69
70     public String toString()
71     {
72         return "" + toyList;
73     }
74 }
```