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1  -----RhymePrinterUtility.java-----
2  package com.ameya.util;
3
4  public class RhymePrinterUtility {
5
6      public /*synchronized*/ void printRhyme(String rhyme) {
7          String words[]=rhyme.split(",");
8          for(String word : words) {
9              System.out.println(word+" ");
10             try {
11                 Thread.sleep(1500);
12             } catch (InterruptedException e) {
13                 // TODO Auto-generated catch block
14                 e.printStackTrace();
15             }
16
17         }
18         System.out.println("++++++++++++++++++++++++++++++++++++");
19     }
20 }
21 -----RhymeReaderThread.java-----
22 package com.ameya.threads;
23
24 import com.ameya.util.RhymePrinterUtility;
25
26 public class RhymeReaderThread extends Thread{
27     private String rhyme;
28     private RhymePrinterUtility printer;
29     public RhymeReaderThread(String rhyme,RhymePrinterUtility printer) {
30         this.rhyme=rhyme;
31         this.printer=printer;
32         this.start();
33     }
34     public void run() {
35         synchronized(printer) { //synchronized(RhymePrinterUtility.class)
36             printer.printRhyme(rhyme);
37         }
38     }
39 }
40 -----TestRhymes.java-----
41 package com.ameya.test;

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42
43 import com.ameya.threads.RhymeReaderThread;
44 import com.ameya.util.RhymePrinterUtility;
45
46 public class TestRhymes {
47
48     public static void main(String[] args) {
49         RhymePrinterUtility printer=new RhymePrinterUtility();
50         String rhyme1="TWINKLE,TWINKLE,LITTLE,STAR,HOW
51         ,I,WONDER,WHAT,YOU,ARE ";
52         String
53         rhyme2="JACK,AND,JILL,WENT,UP,THE,HILL,TO,FETCH,A,PELL
54         ,OF,WATER";
55         RhymeReaderThread t1=new RhymeReaderThread(rhyme1,
56         printer);
57         RhymeReaderThread t2=new RhymeReaderThread(rhyme2,
58         printer);
59     }
60 }
61
```