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1 // Program which takes a string of a paragraph from user
2 // The characters of odd sentences are added with number
3 // The even sentences are reversed in order
4
5 import java.util.Scanner;
6 import java.util.StringTokenizer;
7
8 public class reverseEncryption {
9     public static void main(String[] args) {
10         Scanner sc = new Scanner(System.in);
11         System.out.println("Enter sentence: ");
12         String paragraph = sc.nextLine();
13         sc.close();
14         StringTokenizer st = new StringTokenizer(paragraph, ".");
15         String[] sentences = new String[st.countTokens()];
16         int i = 0;
17         while (st.hasMoreTokens()) {
18             sentences[i++] = st.nextToken();
19         }
20         for (i = 0; i < sentences.length; i++) {
21             if (i + 1 % 2 == 0) {
22                 for (int j = 0; j < sentences[i].length() - 1; j++) {
23                     sentences[i] = sentences[i].substring(0, j) +
24                         (char)(sentences[i].charAt(j) + 1) + sentences[i].substring(j + 1);
25                 }
26             } else {
27                 sentences[i] = (new StringBuffer(sentences[i]).reverse()).toString();
28             }
29         }
30         for (i = 0; i < sentences.length; i++) {
31             System.out.println(sentences[i]);
32         }
33     }
34 }
```