

```

1  // To concatenate a sentence using camel concatenation
2
3  import java.util.Scanner;
4
5  public class camelConc {
6      public static void main(String[] args) {
7          Scanner Sc = new Scanner(System.in);
8          System.out.print("Enter sentence: ");
9          String sentence = Sc.nextLine();
10         sentence = sentence.trim();
11         sentence += " ";
12         String[] str = new String[sentence.length()];
13         int counter = 0;
14         int a = 0;
15         char ch;
16         boolean b;
17         String word = "";
18         // Separating words and putting in string array
19         for (int i = 0; i < sentence.length(); i++) {
20             ch = sentence.charAt(i);
21             b = Character.isWhitespace(ch);
22             if (b == true) {
23                 word = sentence.substring(a, i);
24                 str[counter] = word;
25                 a = i + 1;
26                 counter += 1;
27                 word = "";
28             }
29         }
30         // Concatenating the words
31         String finalStr = "";
32         finalStr += str[0].toLowerCase();
33         for (int i = 1; i < counter; i++) {
34             word = (str[i].substring(0, 1).toUpperCase()) + str[i].substring(1).toLowerCase();
35             finalStr += word;
36         }
37         System.out.println("The final word is: " + finalStr);
38         Sc.close();
39     }
40 }
41 /**
42  * Variable data table
43  * Variable      Type      Function
44  * sentence      String   To store sentence
45  * str[]         String   To store words of sentence in array
46  * counter       int      Used as counter for array
47  * an            int      Used to separate words
48  * word          String   Used to separate words
49  * finalStr      String   Used to store output
50  */

```