```java
1 package CountNumberOfWords;
2 import java.util.*;
3
4 public class CountWords {
5
6        static int z, y = 0, output;
7        static int count(String s)
8        {
9            char ch[] = new char[s.length()];
10           for(z=0; z<s.length(); z++)
11           {
12               ch[z] = s.charAt(z);
13               if(((z>0) && (ch[z] != ' ') && (ch[z-1]==' ')) || ((ch[0] != ' ') && (z == 0)))
14                 y++;
15           }
16           return y;
17       }
18
19       public static void main(String args[])
20       {
21           String Str1 = " ";
22           Scanner sc = new Scanner(System.in);
23           System.out.println("Please, insert some word");
24           Str1 = sc.nextLine();
25           int words = CountWords.count(Str1);
26           System.out.println("The number of words is: " + words);
27       }
28   }
29
30
31
```