

```

1  import java.util.*;
2
3  class stringTokenizing{
4
5      public static void main(String[] args){
6
7          String sample;
8          Scanner input = new Scanner(System.in);
9
10         System.out.print("Enter an expression: ");
11         sample = input.nextLine();
12
13         int numSymbols = 0;
14         int sumIntegers = 0;
15
16         StringTokenizer stk = new StringTokenizer(sample, " , ");
17
18         while (stk.hasMoreTokens()){
19
20             String token = stk.nextToken();
21
22             if ( (token.equals("@") ) ||
23                 (token.equals("!") ) ||
24                 (token.equals("#") ) ||
25                 (token.equals("$") ) ||
26                 (token.equals("%") ) ){
27                 numSymbols++;
28             }
29             else{
30                 int value = Integer.parseInt(token);
31                 sumIntegers += value;
32             }
33
34         }
35
36         System.out.println("number of operators: " + numSymbols);
37         System.out.println("sum of the integers: " + sumIntegers);
38
39     }
40
41 }

```

```

Enter an expression: 3, #, $, -9, 13, @, !, 2, 8
number of operators: 4
sum of the integers: 17

```