

```
1  import java.util.*;
2  public class Main
3  {
4
5      public static void main(String[] args)
6      {
7          Scanner sc = new Scanner(System.in);
8          System.out.println("k.divya sri,SAP ID-51834625");
9          System.out.print("Input the string: ");
10         String str = sc.nextLine();
11
12         System.out.print("NO of words in the string: " + count
13     }
14
15     public static int count_Words(String str)
16     {
17         int count = 0;
18         if (!(" ".equals(str.substring(0, 1))) || !(" ".equals
19         {
20             for (int i = 0; i < str.length(); i++)
21             {
22                 if (str.charAt(i) == ' ')
23                 {
24                     count++;
25                 }
26             }
27             count = count + 1;
28         }
29         return count; // returns 0 if string starts or ends wi
30     }
31 }
```

✕ Terminal



```
k.divya sri,SAP ID-51834625  
Input the string: hello are you ok  
NO of words in the string: 4
```

```
Process finished.  
|
```

```
1  import java.util.Arrays;
2
3  public class Main
4  {
5      private static int[] mergeArray(int[] array1, int[] array2)
6      {
7
8          int[] mergedArray = new int[array1.length + array2.length];
9
10         int a=0, b=0, c=0;
11
12         while (a < array1.length)
13         {
14             mergedArray[c] = array1[a];
15             a++;
16             c++;
17         }
18
19         while (b < array2.length)
20         {
21             mergedArray[c] = array2[b];
22             b++;
23             c++;
24         }
25
26         Arrays.sort(mergedArray);
27
28         return mergedArray;
29     }
30
31     public static void main(String[] args)
32     {
33
34         int[] array1 = new int[] {9, -3, 11, 95, -8, 8};
35
36         int[] array2 = new int[] {-9, 98, 7, 0, 15};
37
38         int[] mergedArray = mergeArray(array1, array2);
39
40         System.out.println("k.divya sri,SAP ID-51834625");
41         System.out.println("Array 1 : "+Arrays.toString(array1));
42
43         System.out.println("Array 2 : "+Arrays.toString(array2));
44
45         System.out.println("Merged Array : "+Arrays.toString(mergedArray));
46     }
47 }
```



```
k.divya sri,SAP ID-51834625  
Array 1 : [9, -3, 11, 95, -8, 8]  
Array 2 : [-9, 98, 7, 0, 15]  
Merged Array : [-9, -8, -3, 0, 7, 8, 9, 11, 15, 95, 98]  
  
Process finished.
```