

## ← Code Playground



```
1 import java.util.Arrays;
2
3 public class Main
4 {
5     private static int[] mergeArray(int[] array1,
6     int[] array2)
7     {
8         System.out.println("Author:B.Sowmya
9         lahari\nSAP ID:51834670");
10        int[] mergedArray = new int[array1.length
11        + array2.length];
12
13        int a=0, b=0, c=0;
14
15        while (a < array1.length)
16        {
17            mergedArray[c] = array1[a];
18            a++;
19            c++;
20        }
21
22        while (b < array2.length)
23        {
24            mergedArray[c] = array2[b];
25            b++;
26            c++;
27        }
28
29        Arrays.sort(mergedArray);
30
31        return mergedArray;
32    }
33
34    public static void main(String[] args)
35    {
36        int[] array1 = new int[] {12, -7, 18, 9,
37        37, -1, 21};
38
39        int[] array2 = new int[] {27, 8, 71, -9,
40        18};
41
42        int[] mergedArray = mergeArray(array1,
43        array2);
44
45        System.out.println("Array 1 :
46        "+Arrays.toString(array1));
47    }
48 }
```

TAB

{

;

"

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RUN



## ← Code Playground



```
7      System.out.println("Author:B.Sowmya
lahari\nSAP ID:51834670");
8      int[] mergedArray = new int[array1.length
+ array2.length];
9
10     int a=0, b=0, c=0;
11
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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     int[] array1 = new int[] {12, -7, 18, 9,
34 37, -1, 21};
35
36     int[] array2 = new int[] {27, 8, 71, -9,
37 18};
38
39     int[] mergedArray = mergeArray(array1,
array2);
40
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 }
```

TAB

{

;

"

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RUN



## ← Code Playground



```
7      System.out.println("Author:B.Sowmya
lahari\nSAP ID:51834670");
8      int[] mergedArray = new int[array1.length
+ array2.length];
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19     while (b < array2.length)
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24     }
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18};
36
37     int[] mergedArray = mergeArray(array1,
array2);
38
39     System.out.println("Array 1 :
"+Arrays.toString(array1));
```

## OUTPUT

```
Author:B.Sowmya lahari
SAP ID:51834670
Array 1 : [12, -7, 18, 9, 37, -1, 21]
Array 2 : [27, 8, 71, -9, 18]
Merged Array : [-9, -7, -1, 8, 9, 12, 18, 18,
21, 27, 37, 71]
```



## ← Code Playground



```
1 import java.util.Scanner;
2
3 public class Main
4 {
5
6     public static void main(String args[])
7     {
8         System.out.println("Author:B. Sowmya
9 lahari\nSAP ID:51834670");
10        System.out.println("Enter the string");
11
12        Scanner sc = new Scanner(System.in);
13
14        String a = sc.nextLine();
15
16        int count = 1;
17
18        for (int x = 0; x < a.length() - 1; x++)
19        {
20            if ((a.charAt(x) == ' ') && (a.charAt(x + 1) != ' '))
21            {
22                count++;
23            }
24        }
25
26        System.out.println("Number of words in a string
27 = " + count);
28    }
29 }
```

## OUTPUT

```
Author:B. Sowmya lahari
SAP ID:51834670
Enter the string
Number of words in a string = 1
```

