



lucky2.java

Saved



```
1 import java.util.Arrays;
2
3 public class Main
4 {
5     private static int[] mergeArray(int[] array1, int[] array2)
6     {
7         System.out.println("Challa. Koteswara Rao\nSAP ID:51834");
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        int[] array1 = new int[] {21, -7, 18, 9, 57, -11, 25};
34
35        int[] array2 = new int[] {22, -18, -71, -9, 29};
36
37        int[] mergedArray = mergeArray(array1, array2);
38
39        System.out.println("Array 1 : "+Arrays.toString(array1));
40
41        System.out.println("Array 2 : "+Arrays.toString(array2));
```





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```
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     int[] array1 = new int[] {21, -7, 18, 9, 57, -11, 25};
34
35     int[] array2 = new int[] {22, -18, -71, -9, 29};
36
37     int[] mergedArray = mergeArray(array1, array2);
38
39     System.out.println("Array 1 : "+Arrays.toString(array1));
40
41     System.out.println("Array 2 : "+Arrays.toString(array2));
42
43     System.out.println("Merged Array : "+Arrays.toString(mergedArray));
44 }
45 }
```



Challa. Koteswara Rao

SAP ID:51834554

Array 1 : [21, -7, 18, 9, 57, -11, 25]

Array 2 : [22, -18, -71, -9, 29]

Merged Array : [-71, -18, -11, -9, -7, 9, 18, 21, 22,

Process finished.

Ch.Koteswara Rao

SAP ID: 51834554

Input the string: i will slap you

Number of words in the string: 4

Process finished.

|





```
1 import java.util.Scanner;
2 public class Exercise5 {
3
4     public static void main(String[] args)
5     {
6         System.out.println("Ch.Koteswara Rao\nSAP ID: 51834554");
7         Scanner in = new Scanner(System.in);
8         System.out.print("Input the string: ");
9         String str = in.nextLine();
10
11         System.out.print("Number of words in the string: " + countWords(str));
12     }
13
14     public static int count_Words(String str)
15     {
16         int count = 0;
17         if (!(" ".equals(str.substring(0, 1))) || !(" ".equals(str.substring(str.length() - 1, str.length()))))
18         {
19             for (int i = 0; i < str.length(); i++)
20             {
21                 if (str.charAt(i) == ' ')
22                 {
23                     count++;
24                 }
25             }
26             count = count + 1;
27         }
28         return count; // returns 0 if string starts or ends with space
29     }
30 }
```

