

```

1  import java.util.Arrays;
2
3  public class Main
4  {
5      private static int[] arr(int[] arr1, int[] arr2)
6      {
7          System.out.println("Author:K.Sai Teja\nSAP ID:51834609");
8          int[] arr = new int[arr1.length + arr2.length];
9
10         int a=0, b=0, c=0;
11
12         while (a < arr1.length)
13         {
14             arr[c] = arr1[a];
15             a++;
16             c++;
17         }
18
19         while (b < arr2.length)
20         {
21             arr[c] = arr2[b];
22             b++;
23             c++;
24         }
25
26         Arrays.sort(arr);
27
28         return arr;
29     }
30
31     public static void main(String[] args)
32     {
33         int[] arr1 = new int[] {7,75,9,86,54,7,};
34
35         int[] arr2 = new int[] {-75,2,-43,12};
36
37         int[] arr = arr(arr1, arr2);
38     }

```

✕ Terminal



```

Author:K.Sai Teja
SAP ID:51834609
1st Array   : [7, 75, 9, 86, 54, 7]
2nd Array   : [-75, 2, -43, 12]
Merged Array : [-75, -43, 2, 7, 7, 9, 12,
Process finished.

```

```

1  import java.util.Scanner;
2  public class WordCount {
3
4      public static void main(String[] args)
5      {
6          Scanner sc = new Scanner(System.in);
7          System.out.print("Enter the string: ");
8          String str = sc.nextLine();
9
10         System.out.print("No of words in the entered string: ");
11     }
12
13     public static int countWords(String st)
14     {
15         int count = 0;
16         if (!(" ".equals(st.substring(0, 1))) ||
17             st.charAt(st.length() - 1) != ' ')
18         {
19             for (int i = 0; i < st.length(); i++)
20             {
21                 if (st.charAt(i) == ' ')
22                 {
23                     count++;
24                 }
25             }
26             count = count + 1;
27         }
28         return count;
29     }

```

✕ Terminal



```

Enter the string: teja is a good guy
No of words in the entered string: 5
Process finished.

```