



25-07.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("Author: Pravallika\nSAP ID: 123456789");
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[] {12, -7, 18, 9, 37, 10, 2, 5, 4, 11};
34         int[] array2 = new int[] {27, 8, 71, -9, 18};
35
36         int[] mergedArray = mergeArray(array1, array2);
37
38         System.out.println("Array 1 : "+Arrays.toString(array1));
39         System.out.println("Array 2 : "+Arrays.toString(array2));
40         System.out.println("Merged Array : "+Arrays.toString(mergedArray));
41     }
42 }
43
44
45 }
```





Author: Pravallika

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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]

Process finished.



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





```
Input the string: she is a good girl  
Number of words in the string: 5
```

```
Process finished.  
|
```

```
1 import java.util.Scanner;
2 public class Ascending_Order
3 {
4     public static void main(String[] args)
5     {
6         int n, temp;
7         Scanner s = new Scanner(System.in);
8         System.out.println("Name:T.pravallika sapid: 5183");
9         System.out.print("Enter no. of elements you want");
10        n = s.nextInt();
11        int a[] = new int[n];
12        System.out.println("Enter all the elements:");
13        for (int i = 0; i < n; i++)
14        {
15            a[i] = s.nextInt();
16        }
17        for (int i = 0; i < n; i++)
18        {
19            for (int j = i + 1; j < n; j++)
20            {
21                if (a[i] > a[j])
22                {
23                    temp = a[i];
24                    a[i] = a[j];
25                    a[j] = temp;
26                }
27            }
28        }
29        System.out.print("Ascending Order:");
30        for (int i = 0; i < n - 1; i++)
31        {
32            System.out.print(a[i] + ",");
33        }
34        System.out.print(a[n - 1]);
35    }
36 }
```



Name:T.pravallika sapid: 51834742

Enter no. of elements you want in array:4

Enter all the elements:

56

99

67

88

Ascending Order:56,67,88,99

Process finished.

|