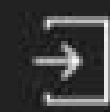




merge.java



Saved

```
1  java.util.Scanner;
2  class AscendingOrder
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:sk.farheena/sapid:51834710");
9      System.out.print("Enter no. of elements you want in array:");
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     }
```

× Terminal



```
name:sk.farheena/sapid:51834710
Enter no. of elements you want in array:6
Enter all the elements:
1
64
53
91
53
12
Ascending Order:1,12,53,53,64,91
Process finished.
```



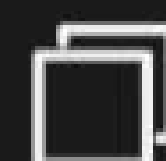
merge.java



Saved

```
1 import java.util.Scanner;
2 public class Strings {
3
4     public static void main(String[] args)
5     {
6         Scanner in = new Scanner(System.in);
7         System.out.println("name:Sk.farheena/sap
8         System.out.print("Input the string: ");
9         String str = in.nextLine();
10
11         System.out.print("Number of words in the
12     }
13
14     public static int count_Words(String str)
15     {
16         int count = 0;
17         if (!(" ".equals(str.substring(0, 1))) |
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 sta
29     }
30 }
31
```

× Terminal



```
name:Sk.farheena/sapid:51834710
Input the string: we have session now.
Number of words in the string: 4

Process finished.
```



merge.java



Saved

```
1 import java.util.Arrays;
2
3 public class Main
4 {
5     private static int[] mergeArray(int[] array1
6     {
7         System.out.println("Name: Sk. Farheena\nSAP ID: 51834710");
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, -1, 21};
34
35        int[] array2 = new int[] {27, 8, 71, -9, 18};
36
37        int[] mergedArray = mergeArray(array1, array2);
38
39        System.out.println("Array 1 : "+Arrays.toString(array1));
40        System.out.println("Array 2 : "+Arrays.toString(array2));
41        System.out.println("Merged Array : "+Arrays.toString(mergedArray));
42    }
43 }
```

x Terminal



Name: Sk. Farheena

SAP ID: 51834710

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]