merge.java

Saved

```
  java.util.Scanner;
  class AscendingOrder

 blic static void main(String[] args)

    int n, temp;
    Scanner s = new Scanner(System.in);
   System.out.println("name:sk.farheena/sapid:5183
    System.out.print("Enter no. of elements you wa
   n = s.nextInt();
   int a[] = new int[n];
   System.out.println("Enter all the elements:");
   for (int i = 0; i < n; i++)
   {
       a[i] = s.nextInt();
   }
   for (int i = 0; i < n; i++)
   {
       for (int j = i + 1; j < n; j++)
       {
           if (a[i] > a[j])
           {
               temp = a[i];
               a[i] = a[j];
               a[j] = temp;
           }
       }
   }
   System.out.print("Ascending Order:");
   for (int i = 0; i < n - 1; i++)
   {
```

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

```java
import java.util.Scanner;
public class Strings {

  public static void main(String[] args)
    {
        Scanner in = new Scanner(System.in);
        System.out.println("name:Sk.farheena/sap
        System.out.print("Input the string: ");
        String str = in.nextLine();

        System.out.print("Number of words in the
    }

public static int count_Words(String str)
    {
       int count = 0;
        if (!(" ".equals(str.substring(0, 1))) |
        {
            for (int i = 0; i < str.length(); i+
            {
                if (str.charAt(i) == ' ')
                {
                    count++;
                }
            }
            count = count + 1;
        }
        return count; // returns 0 if string sta
    }
}

```

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

```java
import java.util.Arrays;

public class Main
{
    private static int[] mergeArray(int[] array1
    {
        System.out.println("Name:Sk.Farheena\nSA
        int[] mergedArray = new int[array1.lengt

        int a=0, b=0, c=0;

        while (a < array1.length)
        {
            mergedArray[c] = array1[a];
            a++;
            c++;
        }

        while (b < array2.length)
        {
            mergedArray[c] = array2[b];
            b++;
            c++;
        }

        Arrays.sort(mergedArray);

        return mergedArray;
    }

    public static void main(String[] args)
    {
        int[] array1 = new int[] {12, -7, 18, 9,

        int[] array2 = new int[] {27, 8, 71, -9,

        int[] mergedArray = mergeArray(array1, a

        System.out.println("Array 1 : "+Arrays.t
```

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,
```