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Code.java

Saved

```
1 import java.util.Scanner;
2 public class Code{
3     public static void Main(String[] args){
4         int n,temp;
5         Scanner s = new Scanner(System.in);
6         System.out.println("Author : T.S.S.S.N.V.Pavan Kumar");
7         System.out.print("Enter no. of elements you want in array:");
8         n = s.nextInt();
9         int a[] = new int[n];
10        System.out.println("Enter all the elements:");
11        for (int i = 0; i < n; i++){
12            a[i] = s.nextInt();
13        }
14        for (int i = 0; i < n; i++){
15            for (int j = i + 1; j < n; j++){
16                if (a[i] > a[j]){
17                    temp = a[i];
18                    a[i] = a[j];
19                    a[j] = temp;
20                }
21            }
22        }
23        System.out.print("Ascending Order:");
24        for (int i = 0; i < n - 1; i++){
25            System.out.print(a[i] + " ");
26        }
27        System.out.print(a[n - 1]);
28    }
29 }
```

x Terminal

```
Author : T.S.S.S.N.V.Pavan Kumar
sap l'd :- 51834685
Enter no. of elements you want in array:2
Enter all the elements:
9
8
Ascending Order:8,9
Process finished.
```



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Code2.java

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```
1 import java.util.Arrays;
2 public class Code2{
3     private static int[] MergeArray(int[] array1, int[] array2)
4         System.out.println("Author: T.S.S.S.N.V.Pavan Kumar");
5         int[] MergedArray = new int[array1.length + array2.length];
6         int a=0, b=0, c=0;
7         while (a < array1.length){
8             MergedArray[c] = array1[a];
9             a++;
10            c++;
11        }
12        while (b < array2.length){
13            MergedArray[c] = array2[b];
14            b++;
15            c++;
16        }
17        Arrays.sort(MergedArray);
18        return MergedArray;
19    }
20    public static void Main(String[] args){
21        int[] array1 = new int[] {12, -7, 18, 9, 37, -1, 21};
22        int[] array2 = new int[] {27, 8, 71, -9, 18};
23        int[] MergedArray = MergeArray(array1, array2);
24        System.out.println("Array 1 : " + Arrays.toString(array1));
25        System.out.println("Array 2 : " + Arrays.toString(array2));
26        System.out.println("Merged Array : " + Arrays.toString(MergedArray));
27    }
28 }
```

x Terminal

```
Author: T.S.S.S.N.V.Pavan Kumar
SAP ID:51834685
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]

Process finished.
```

2.



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Code3.java

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```
1 import java.util.Scanner;
2 public class Code3 {
3     public static void main(String[] args){
4         Scanner in = new Scanner(System.in);
5         System.out.print("Input the string: ");
6         String str = in.nextLine();
7         System.out.print("Number of words in the string: " +
8     }
9     public static int count_Words(String str){
10        int count = 0;
11        if (!(".".equals(str.substring(0, 1))) || !(".".equals(str.substring(str.length() - 1, str.length())))) {
12            for (int i = 0; i < str.length(); i++) {
13                if (str.charAt(i) == ' ') {
14                    count++;
15                }
16            }
17            count = count + 1;
18        }
19        return count;
20    }
21 }
```

File info ⓘ

5.



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Code3.java

Saved

```
1 import java.util.Scanner;
2 public class Code3{
3     public static void main(String[] args){
4         Scanner in = new Scanner(System.in);
5         System.out.print("Input the string: ");
6         String str = in.nextLine();
7         System.out.print("Number of words in the string: " +
8     }
9     public static int count_Words(String str){
10        int count = 0;
11        if (!(" ".equals(str.substring(0, 1))) || !(" ".equals(str.substring(str.length() - 1)))) {
12            for (int i = 0; i < str.length(); i++) {
13                if (str.charAt(i) == ' ') {
14                    count++;
15                }
16            }
17            count = count + 1;
18        }
19        return count;
20    }
21 }
```

5:59

Code3.java

Saved

Terminal

```
1 import java.util.Scanner;
2 public class Code3{
3     public static void main(String[] args){
4         Scanner in = new Scanner(System.in);
5         System.out.print("Input the string: ");
6         String str = in.nextLine();
7         System.out.print("Number of words in the string: " + count_Words(str) + "\n");
8     }
9     public static int count_Words(String str){
10        int count = 0;
11        if (!(" ".equals(str.substring(0, 1))) || !(" ".equals(str.substring(str.length() - 1)))) {
12            for (int i = 0; i < str.length(); i++) {
13                if (str.charAt(i) == ' ') {
14                    count++;
15                }
16            }
17            count = count + 1;
18        }
19        return count;
20    }
21 }
```

Input the string: Hello world  
Number of words in the string: 2  
Process finished.



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