



# Code Playground



```
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("Author :Nancy
9 Florence"); System.out.print("Enter no. of
10 elements you want in array:");
11         n = s.nextInt();
12         int a[] = new int[n];
13         System.out.println("Enter all the
14 elements:");
15         for (int i = 0; i < n; i++)
16         {
17             a[i] = s.nextInt();
18         }
19         for (int i = 0; i < n; i++)
20         {
21             for (int j = i + 1; j < n; j++)
22             {
23                 if (a[i] > a[j])
24                 {
25                     temp = a[i];
26                     a[i] = a[j];
27                     a[j] = temp;
28                 }
29             }
30         }
31         System.out.print("Ascending Order:");
32         for (int i = 0; i < n - 1; i++)
33         {
34             System.out.print(a[i] + ",");
35         }
36         System.out.print(a[n - 1]);
37     }
38 }
```

TAB

{

}

;

"

=

RUN

```

1 import java.util.Arrays;
2
3 public class MergeArrayProgram
4 {
5     private static int[] mergeArray(int[]
arrayA, int[] arrayB)
6     {
7         int[] mergedArray = new
int[arrayA.length + arrayB.length];
8
9         int i=0, j=0, k=0;
10
11         while (i < arrayA.length)
12         {
13             mergedArray[k] = arrayA[i];
14             i++;
15             k++;
16         }
17
18         while (j < arrayB.length)
19         {
20             mergedArray[k] = arrayB[j];
21             j++;
22             k++;
23         }
24
25         Arrays.sort(mergedArray);
26
27         return mergedArray;
28     }
29
30     public static void main(String[] args)
31     {
32         int[] arrayA = new int[] {12, -7, 18,
9, 37, -1, 21};
33
34         int[] arrayB = new int[] {27, 8, 71,
-9, 18};
35
36         int[] mergedArray = mergeArray(arrayA,
arrayB);
37
38         System.out.println("Array A :

```

TAB

{

}

;

"

=

RUN





# Code Playground



```
8
9     int i=0, j=0, k=0;
10
11     while (i < arrayA.length)
12     {
13         mergedArray[k] = arrayA[i];
14         i++;
15         k++;
16     }
17
18     while (j < arrayB.length)
19     {
20         mergedArray[k] = arrayB[j];
21         j++;
22         k++;
23     }
24
25     Arrays.sort(mergedArray);
26
27     return mergedArray;
28 }
29
30 public static void main(String[] args)
31 {
32     int[] arrayA = new int[] {12, -7, 18,
33     9, 37, -1, 21};
34
35     int[] arrayB = new int[] {27, 8, 71,
36     -9, 18};
37
38     int[] mergedArray = mergeArray(arrayA,
39     arrayB);
40
41     System.out.println("Array A :
42     "+Arrays.toString(arrayA));
43
44     System.out.println("Array B :
45     "+Arrays.toString(arrayB));
46
47     System.out.println("Merged Array :
48     "+Arrays.toString(mergedArray));
49 }
```

TAB

{

}

;

"

=

RUN





## OUTPUT

Array A : [12, -7, 18, 9, 37, -1, 21]

Array B : [27, 8, 71, -9, 18]

Merged Array : [-9, -7, -1, 8, 9, 12, 18, 18, 21, 27, 37, 71]



```
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: " + count_Words(str)+"\n");
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))))
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 }
```





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```
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: " + count_Words(str)+"\n");
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))))
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 }
```

## OUTPUT

Input the string: Number of words in the  
string: 1