

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

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}

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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,
33                                9, 37, -1, 21};
34
35        int[] arrayB = new int[] {27, 8, 71,
36                                -9, 18};
37
38        int[] mergedArray = mergeArray(arrayA,
arrayB);
39
40        System.out.println("Array A : " +
41                           Arrays.toString(arrayA));
42        System.out.println("Array B : " +
43                           Arrays.toString(arrayB));
44        System.out.println("Merged Array : " +
45                           Arrays.toString(mergedArray));
46    }
47}
```

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RUN ➤

# ← Code Playground



```
8     int i=0, j=0, k=0;
9
10    while (i < arrayA.length)
11    {
12        mergedArray[k] = arrayA[i];
13        i++;
14        k++;
15    }
16
17    while (j < arrayB.length)
18    {
19        mergedArray[k] = arrayB[j];
20        j++;
21        k++;
22    }
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,
arrayB);
39
40        System.out.println("Array A :
"+Arrays.toString(arrayA));
41
42        System.out.println("Array B :
"+Arrays.toString(arrayB));
43
44        System.out.println("Merged Array :
"+Arrays.toString(mergedArray));
45    }
46}
```

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}

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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]

# ← Code Playground



```
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
11 the string: " + count_Words(str)+"\n");
12    }
13
14    public static int count_Words(String str)
15    {
16        int count = 0;
17        if (!(" ".equals(str.substring(0, 1)))
18 || !(" ".equals(str.substring(str.length() -
1))))
19        {
20            for (int i = 0; i < str.length();
21 i++)
22            {
23                if (str.charAt(i) == ' ')
24                {
25                    count++;
26                }
27            }
28        }
29    }
}
```

TAB

{

}

;

'

=

RUN





## FMWhatsApp

14 messages from 12 chats

```
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)))
17     || !(" ".equals(str.substring(str.length() -
1))))
18     {
19         for (int i = 0; i < str.length();
i++)
20         {
21             if (str.charAt(i) == ' ')
22             {
23                 count++;
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