

JAVA.UTIL.ARRAYS.SORTINT[] METHOD

http://www.tutorialspoint.com/java/util/arrays_sort_int.htm

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Description

The **java.util.Arrays.sortint[]** method sorts the specified array of ints into ascending numerical order.

Declaration

Following is the declaration for **java.util.Arrays.sort** method

```
public static void sort(int[] a)
```

Parameters

- **a** -- This is the array to be sorted.

Return Value

This method does not return any value.

Exception

- **NA**

Example

The following example shows the usage of java.util.Arrays.sort method.

```
package com.tutorialspoint;

import java.util.Arrays;

public class ArrayDemo {

    public static void main(String[] args) {

        // initializing unsorted int array
        int iArr[] = {2, 1, 9, 6, 4};

        // let us print all the elements available in list
        for (int number : iArr) {
            System.out.println("Number = " + number);
        }

        // sorting array
        Arrays.sort(iArr);

        // let us print all the elements available in list
        System.out.println("The sorted int array is:");
        for (int number : iArr) {
            System.out.println("Number = " + number);
        }
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
Number = 2
Number = 1
Number = 9
Number = 6
```

```
Number = 4  
The sorted int array is:  
Number = 1  
Number = 2  
Number = 4  
Number = 6  
Number = 9
```

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