

JAVA.UTIL.ARRAYS.SORTDOUBLE[] METHOD

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

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Description

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

Declaration

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

```
public static void sort(double[] 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 double array
        double dArr[] = {3.2, 1.2, 9.7, 6.2, 4.5};

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

        // sorting array
        Arrays.sort(dArr);

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

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

```
Number = 3.2
Number = 1.2
Number = 9.7
Number = 6.2
```

```
Number = 4.5  
The sorted double array is:  
Number = 1.2  
Number = 3.2  
Number = 4.5  
Number = 6.2  
Number = 9.7
```

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