

JAVA.LANG.BOOLEAN.COMPARETO METHOD

http://www.tutorialspoint.com/java/lang/boolean_compareto.htm

Copyright © tutorialspoint.com

Description

The **java.lang.Boolean.compareTo***Boolean b* compares this Boolean instance with another.

Declaration

Following is the declaration for **java.lang.Boolean.compareTo** method

```
public int compareTo(Boolean b)
```

Specified by

compareTo in interface **Comparable<Boolean>**

Parameters

- **b** - the Boolean instance to be compared

Return Value

This method returns,

- **zero** - if this object represents the same boolean value as the argument
- **a positive value** - if this object represents true and the argument represents false
- **a negative value** - if this object represents false and the argument represents true.

Exception

- **NullPointerException** - if the argument is null

Example

The following example shows the usage of lang.Boolean.compareTo method.

```
package com.tutorialspoint;

import java.lang.*;

public class BooleanDemo {

    public static void main(String[] args) {

        // create 2 Boolean objects b1, b2
        Boolean b1, b2;

        // assign values to b1, b2
        b1 = new Boolean(true);
        b2 = new Boolean(false);

        // create an int res
        int res;

        // compare b1 with b2
        res = b1.compareTo(b2);

        String str1 = "Both values are equal ";
        String str2 = "Object value is true";
        String str3 = "Argument value is true";
```

```
    if( res == 0 ){  
        System.out.println( str1 );  
    }  
    else if( res > 0 ){  
        System.out.println( str2 );  
    }  
    else if( res < 0 ){  
        System.out.println( str3 );  
    }  
}  
}
```

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

Object value is true

Loading [Mathjax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js