

JAVA.LANG.INTEGER.SIGNUM METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.Integer.signum** method returns the signum function of the specified int value.

Declaration

Following is the declaration for **java.lang.Integer.signum** method

```
public static int signum(int i)
```

Parameters

- **i** -- This is the int value.

Return Value

This method returns the signum function of the specified int value. It is -1 if the specified value is negative, 0 if the specified value is zero and 1 if the specified value is positive.

Exception

- **NA**

Example

The following example shows the usage of java.lang.Integer.signum method.

```
package com.tutorialspoint;

import java.lang.*;

public class IntegerDemo {

    public static void main(String[] args) {

        // returns 1 as int value is greater than 1
        System.out.println(Integer.signum(50));

        // returns -1 as int value is less than 1
        System.out.println(Integer.signum(-50));

        // returns 0 as int value is equal to 0
        System.out.println(Integer.signum(0));
    }
}
```

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

```
1
-1
0
```

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