

JAVA.MATH.BIGINTEGER.HASHCODE METHOD

http://www.tutorialspoint.com/java/math/biginteger_hashcode.htm

Copyright © tutorialspoint.com

Description

The **java.math.BigInteger.hashCode** returns the hash code for this BigInteger.

Declaration

Following is the declaration for **java.math.BigInteger.hashCode** method

```
public int hashCode()
```

Overrides

hashCode in class **Object**

Parameters

- NA

Return Value

This method returns the hash code for this BigInteger.

Exception

- NA

Example

The following example shows the usage of math.BigInteger.hashCode method

```
package com.tutorialspoint;

import java.math.*;

public class BigIntegerDemo {

    public static void main(String[] args) {

        // create 2 BigInteger objects
        BigInteger bi1, bi2;

        // create 2 int objects
        int i1, i2;

        // assign values to bi1, bi2
        bi1 = new BigInteger("12345");
        bi2 = new BigInteger("923456789123");

        // assign the hashCode of bi1, bi2 to i1, i2
        i1 = bi1.hashCode();
        i2 = bi2.hashCode();

        String str1 = "HashCode of " +bi1+ " is " +i1;
        String str2 = "HashCode of " +bi2+ " is " +i2;

        // print i1, i2 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

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

```
HashCode of 12345 is 12345
```

```
HashCode of 923456789123 is 38827148
```

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