

JAVA.MATH.BIGINTEGER.TOSTRING METHOD

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

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Description

The **java.math.BigInteger.toString** returns the decimal String representation of this BigInteger. The digit-to-character mapping provided by Character.forDigit is used, and a minus sign is prepended if appropriate.

This representation is compatible with the *String* constructor, and allows for String concatenation with Java's + operator.

Declaration

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

```
public String toString()
```

Overrides

toString in class **Object**

Parameters

- NA

Return Value

This method returns the decimal String representation of this BigInteger.

Exception

- NA

Example

The following example shows the usage of math.BigInteger.toString 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 String objects
        String s1, s2;

        bi1 = new BigInteger("1234");
        bi2 = new BigInteger("-1234");

        // assign String value of bi1, bi2 to s1, s2
        s1 = bi1.toString();
        s2 = bi2.toString();

        String str1 = "String value of " + bi1 + " is " +s1;
        String str2 = "String value of " + bi2 + " is " +s2;

        // print s1, s2 values
        System.out.println( str1 );
```

```
System.out.println( str2 );  
    }  
}
```

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

```
String value of 1234 is 1234  
String value of -1234 is -1234
```

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