

JAVA.MATH.BIGINTEGER.NOT METHOD

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

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Description

The **java.math.BigInteger.not** returns a BigInteger whose value is *this*. This method returns a negative value if and only if this BigInteger is non-negative.

Declaration

Following is the declaration for **java.math.BigInteger.not** method

```
public BigInteger not()
```

Parameters

- NA

Return Value

This method returns a BigInteger object whose value is ~this.

Exception

- NA

Example

The following example shows the usage of math.BigInteger.not method

```
package com.tutorialspoint;

import java.math.*;

public class BigIntegerDemo {

    public static void main(String[] args) {

        // create 4 BigInteger objects
        BigInteger bi1, bi2, bi3, bi4;

        // assign values to bi1, bi2
        bi1 = new BigInteger("6");
        bi2 = new BigInteger("-6");

        // perform not operation on bi1 and bi2
        bi3 = bi1.not();
        bi4 = bi2.not();

        String str1 = "Result of not operation on " + bi1 + " gives " + bi3;
        String str2 = "Result of not operation on " + bi2 + " gives " + bi4;

        // print bi3, bi4 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

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

```
Result of not operation on 6 gives -7
Result of not operation on -6 gives 5
```

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