

JAVA.MATH.BIGINTEGER.OR METHOD

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

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Description

The **java.math.BigInteger.or** or *BigIntegerval* returns a BigInteger whose value is *this*|*val*. This method returns a negative BigInteger if and only if either this or val is negative.

Declaration

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

```
public BigInteger or(BigInteger val)
```

Parameters

- **val** - value to be OR'ed with this BigInteger

Return Value

This method returns a BigInteger object whose value is this | val .

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.math.*;

public class BigIntegerDemo {

    public static void main(String[] args) {

        // create 3 BigInteger objects
        BigInteger bi1, bi2, bi3;

        // assign values to bi1, bi2
        bi1 = new BigInteger("6");
        bi2 = new BigInteger("8");

        // perform or operation on bi1, bi2
        bi3 = bi1.or(bi2);

        String str = "OR operation on " + bi1 + " and " + bi2 + " gives " +bi3;

        // print bi3 value
        System.out.println( str );
    }
}
```

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

```
OR operation on 6 and 8 gives 14
```

```
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```