

JAVA.MATH.BIGINTEGER.MULTIPLY METHOD

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

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Description

The **java.math.BigInteger.multiply***BigInteger val* returns a BigInteger whose value is *this* * *val*.

Declaration

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

```
public BigInteger multiply(BigInteger val)
```

Parameters

- **val** - value to be multiplied by 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.multiply** method

```
package com.tutorialspoint;

import java.math.*;

public class BigIntegerDemo {

    public static void main(String[] args) {

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

        bi1 = new BigInteger("7");
        bi2 = new BigInteger("20");

        // multiply bi1 with bi2 and assign result to bi3
        bi3 = bi1.multiply(bi2);

        String str = bi1 + " * " + bi2 + " = " + bi3;

        // print bi3 value
        System.out.println("Multiplication result is " + str);
    }
}
```

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

```
Multiplication result is 7 * 20 = 140
```

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