

JAVA.MATH.BIGINTEGER.SUBTRACT METHOD

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

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Description

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

Declaration

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

```
public BigInteger subtract(BigInteger val)
```

Parameters

- **val** - value to be subtracted from this BigInteger

Return Value

This method returns a BigInteger object of value, this - val .

Exception

- NA

Example

The following example shows the usage of math.BigInteger.subtract 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("123");
        bi2 = new BigInteger("-123");

        // assign difference of bi1 and bi2 to bi3
        bi3 = bi1.subtract(bi2);

        String str = "Subtraction result: " +bi1+ " - " +bi2+ " = " +bi3;

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

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

```
Subtraction result: 123 - -123 = 246
```

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