

JAVA.MATH.BIGINTEGER.ABS METHOD

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

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Description

The **java.math.BigInteger.abs** returns a BigInteger whose value is the absolute value of this BigInteger.

Declaration

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

```
public BigInteger abs()
```

Parameters

- NA

Return Value

This method returns the absolute value of the called value i.e *absthis*.

Exception

- NA

Example

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

        // assign absolute values of bi1, bi2 to bi3, bi4
        bi3 = bi1.abs();
        bi4 = bi2.abs();

        String str1 = "Absolute value of " + bi1 + " is " + bi3;
        String str2 = "Absolute value of " + bi2 + " is " + 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:

```
Absolute value of 123 is 123
Absolute value of -123 is 123
```

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