

JAVA.MATH.BIGINTEGER.VALUEOF METHOD

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

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Description

The **java.math.BigInteger.valueOf** returns a BigInteger whose value is equal to that of the specified long. This "static factory method" is provided in preference to a *long* constructor because it allows for reuse of frequently used BigIntegers.

Declaration

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

```
public static BigInteger valueOf(long val)
```

Parameters

- **val** - value of the BigInteger to return

Return Value

This method returns a BigInteger with the specified value.

Exception

- NA

Example

The following example shows the usage of **math.BigInteger.valueOf** method

```
package com.tutorialspoint;

import java.math.*;

public class BigIntegerDemo {

    public static void main(String[] args) {

        // create a BigInteger object
        BigInteger bi;

        // create and assign value to Long object
        Long l = new Long(123456789L);

        // assign the biginteger value of l to bi
        // static method is called using class name
        bi = BigInteger.valueOf(l);

        String str = "BigIntger value of Long " + l + " is " +bi;

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

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

```
BigIntger value of Long 123456789 is 123456789
```

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