

JAVA.MATH.BIGINTEGER.MIN METHOD

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

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Description

The **java.math.BigInteger.min***BigInteger val* returns the minimum of this BigInteger and val.

Declaration

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

```
public BigInteger min(BigInteger val)
```

Parameters

- **val** - value with which the minimum is to be computed

Return Value

This method returns the BigInteger whose value is the lesser of this BigInteger and val. If they are equal, either may be returned.

Exception

- **NA**

Example

The following example shows the usage of math.BigInteger.min 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("1000");

        // assign the min value of bi1, bi2 to bi3
        bi3 = bi1.min(bi2);

        String str = "Minimum Value among " + bi1 + " and " + bi2 + " is " + bi3;

        // print the minimum value
        System.out.println( str );

    }

}
```

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

```
Minimum Value among 123 and 1000 is 123
```

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