

JAVA.MATH.BIGINTEGER.EQUALS METHOD

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

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Description

The **java.math.BigInteger.equals***Object**x* compares this BigInteger with the specified Object for equality.

Declaration

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

```
public boolean equals(Object x)
```

Overrides

equals in class **Object**

Parameters

- **x** - Object to which this BigInteger is to be compared

Return Value

This method returns true if and only if the specified Object is a BigInteger whose value is numerically equal to this BigInteger.

Exception

- **NA**

Example

The following example shows the usage of math.BigInteger.equals method

```
package com.tutorialspoint;

import java.math.*;

public class BigIntegerDemo {

    public static void main(String[] args) {

        // create 2 BigInteger objects
        BigInteger bi1, bi2;

        bi1 = new BigInteger("123");
        bi2 = new BigInteger("123");

        // create 2 boolean objects
        Boolean b1, b2;

        // compare bi1 with bi2
        b1 = bi1.equals(bi2);

        // compare bi1 with an object value 123, which is not a BigInteger
        b2 = bi1.equals("123");

        String str1 = bi1 + " equals BigInteger " + bi2 + " is " + b1;
        String str2 = bi1 + " equals object value 123 is " + b2;

        // print b1, b2 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

```
}  
}
```

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

```
123 equals BigInteger 123 is true  
123 equals object value 123 is false
```

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