

JAVA.MATH.BIGDECIMAL.DOUBLEVALUE METHOD

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

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Description

The **java.math.BigDecimal.doubleValue** converts this BigDecimal to a double. If this BigDecimal has too great a magnitude represent as a double, it will be converted to Double.NEGATIVE_INFINITY or Double.POSITIVE_INFINITY as appropriate. Even when the return value is finite, this conversion can lose information about the precision of the BigDecimal value.

Declaration

Following is the declaration for **java.math.BigDecimal.doubleValue** method

```
public double doubleValue()
```

Specified by

- doubleValue in class **Number**

Parameters

- NA

Return Value

This method returns this BigDecimal converted to a double.

Exception

- NA

Example

The following example shows the usage of math.BigDecimal.doubleValue method

```
package com.tutorialspoint;

import java.math.*;

public class BigDecimalDemo {

    public static void main(String[] args) {

        // create a BigDecimal object
        BigDecimal bg;

        // create a Double object
        Double d;

        bg=new BigDecimal("1234");

        // assign the converted value of bg to d
        d=bg.doubleValue();

        String str = "Double value of " + bg + " is " + d;

        // print d value
        System.out.println( str );

    }
}
```

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

Double value of 1234 is 1234.0

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