

JAVA.MATH.BIGDECIMAL.MAX METHOD

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

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Description

The **java.math.BigDecimal.max***BigDecimal val* returns the maximum of this BigDecimal and val.

Declaration

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

```
public BigDecimal max(BigDecimal val)
```

Parameters

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

Return Value

This method returns the BigDecimal whose value is the greater of this BigDecimal and val. If they are equal, as defined by the compareTo method, this is returned.

Exception

- **NA**

Example

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

```
package com.tutorialspoint;

import java.math.*;

public class BigDecimalDemo {

    public static void main(String[] args) {

        // create 3 BigDecimal objects
        BigDecimal bg1, bg2, bg3;

        bg1 = new BigDecimal("235");
        bg2 = new BigDecimal("236");

        // assign the max value of bg1, bg2 to bg3
        bg3 = bg1.max(bg2);

        String str = "Maximum Value among " + bg1 + " and " + bg2 + " is " + bg3;

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

    }
}
```

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

```
Maximum Value among 235 and 236 is 236
```

```
Loading [Mathjax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```