

JAVA.MATH.BIGDECIMAL.ABS METHOD

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

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Description

The **java.math.BigDecimal.abs** returns a BigDecimal whose value is the absolute value of this BigDecimal, and whose scale is this.scale.

Declaration

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

```
public BigDecimal abs()
```

Parameters

- NA

Return Value

This method returns the absolute value of the called value i.e *absthis*.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.math.*;

public class BigDecimalDemo {

    public static void main(String[] args) {

        // create 2 BigDecimal objects
        BigDecimal bg1, bg2;

        // assign value to bg1
        bg1 = new BigDecimal("-40");

        // value before applying abs
        System.out.println("Value is " + bg1);

        // assign absolute value of bg1 to bg2
        bg2 = bg1.abs();

        // print bg2 value
        System.out.println("Absolute value is " + bg2);

    }
}
```

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

```
Value is -40
Absolute value is 40
```

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