

JAVA.MATH.BIGDECIMAL.PRECISION METHOD

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

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Description

The **java.math.BigDecimal.precision** method returns the precision of this BigDecimal. The precision is the number of digits in the unscaled value. The precision of a zero value is 1.

Declaration

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

```
public int precision()
```

Parameters

- NA

Return Value

This method returns the precision of this BigDecimal object.

Exception

- NA

Example

The following example shows the usage of `math.BigDecimal.precision` method

```
package com.tutorialspoint;

import java.math.*;

public class BigDecimalDemo {

    public static void main(String[] args) {

        // create 2 BigDecimal Objects
        BigDecimal bg1, bg2;

        bg1 = new BigDecimal("123.234");
        bg2 = new BigDecimal("523");

        // create 2 int objects
        int i1, i2;

        // assign the result of precision of bg1, bg2 to i1 and i2
        i1 = bg1.precision();
        i2 = bg2.precision();

        String str1 = "The precision of " + bg1 + " is " + i1;
        String str2 = "The precision of " + bg2 + " is " + i2;

        // print the values of i1, i2
        System.out.println( str1 );
        System.out.println( str2 );

    }
}
```

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

```
The precision of 123.234 is 6
```

The precision of 523 is 3

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