

JAVA.MATH.BIGDECIMAL.STRIPTRILINGZEROS METHOD

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

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Description

The **java.math.BigDecimal.stripTrailingZeros** returns a BigDecimal which is numerically equal to this one but with any trailing zeros removed from the representation.

For example, stripping the trailing zeros from the BigDecimal value 600.0, which has [BigInteger, scale] components equals to [6000, 1], yields 6E2 with [BigInteger, scale] components equals to [6, -2]

Declaration

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

```
public BigDecimal stripTrailingZeros()
```

Parameters

- NA

Return Value

This method returns a numerically equal BigDecimal with any trailing zeros removed

Exception

- NA

Example

The following example shows the usage of **math.BigDecimal.stripTrailingZeros** method

```
package com.tutorialspoint;

import java.math.*;

public class BigDecimalDemo {

    public static void main(String[] args) {

        // create 4 BigDecimal objects
        BigDecimal bg1, bg2, bg3, bg4;

        bg1 = new BigDecimal("235.000");
        bg2 = new BigDecimal("23500");

        // assign the result of stripTrailingZeros method to bg3, bg4
        bg3 = bg1.stripTrailingZeros();
        bg4 = bg2.stripTrailingZeros();

        String str1 = bg1 + " after removing trailing zeros " +bg3;
        String str2 = bg2 + " after removing trailing zeros " +bg4;

        // print bg3, bg4 values
        System.out.println( str1 );
        System.out.println( str2 );

    }
}
```

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

235.000 after removing trailing zeros 235

23500 after removing trailing zeros 2.35E+4

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