JAVA.MATH.BIGDECIMAL.EQUALS METHOD

Description

The **java.math.BigDecimal.equals** method compares this BigDecimal with the specified Object for equality. Unlike compareTo, this method considers two BigDecimal objects equal only if they are equal in value and scale *thus*2.0*isnotequalto*2.00*whencomparedbythismethod*.

Declaration

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

```
public boolean equals(Object x)
```

Overrides

- equals in class **Object**

Parameters

- **x** - Object to which this BigDecimal is to be compared

Return Value

This method returns true if and only if the specified Object is a BigDecimal whose value and scale are equal to this BigDecimal's.

Exception

- **NA**

Example

The following example shows the usage of math.BigDecimal.equals 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("235.00");
        bg2 = new BigDecimal("235.00");
        bg3 = new BigDecimal("235");

        // create 2 boolean objects
        Boolean b1,b2;

        // assign the result of equals method to b1, b2
        b1 = bg1.equals(bg2);
        b2 = bg1.equals(bg3);

        String str1 = bg1 + " equals " + bg2 + " is " +b1;
 String str2 = bg1 + " equals " + bg3 + " is " +b2;

 // print b1, b2 values
        System.out.println( str1 );
        System.out.println( str2 );
```

```
    }
}
```

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

```
235.00 equals 235.00 is true
235.00 equals 235 is false
```