

JAVA.MATH.MATHCONTEXT.HASHCODE METHOD

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

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Description

The **java.math.MathContext.hashCode** returns the hash code for this MathContext.

Declaration

Following is the declaration for **java.math.MathContext.hashCode** method

```
public int hashCode()
```

Overrides

hashCode in class **Object**

Parameters

- NA

Return Value

This method returns the hash code for this MathContext.

Exception

- NA

Example

The following example shows the usage of math.MathContext.hashCode method

```
package com.tutorialspoint;

import java.math.*;

public class MathContextDemo {

    public static void main(String[] args) {

        // create 2 MathContext objects
        MathContext mc1, mc2;

        // assign context settings to mc1, mc2
        mc1 = new MathContext(5);
        mc2 = new MathContext(20, RoundingMode.UNNECESSARY);

        // create 2 int objects
        int i1, i2;

        // assign hashCode of mc1, mc2 to i1, i2
        i1 = mc1.hashCode();
        i2 = mc2.hashCode();

        String str1 = "Hashcode of mc1 is " + i1;
        String str2 = "Hashcode of mc2 is " + i2;

        // print i1, i2 values
        System.out.println( str1 );
        System.out.println( str2 );
    }
}
```

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

```
Hashcode of mc1 is 321136182
```

```
Hashcode of mc2 is 642580997
```

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