

JAVA.MATH.BIGDECIMAL.ADD METHOD

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

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Description

The **java.math.BigDecimal.add***BigDecimal augend* returns a BigDecimal whose value is *this* + *augend*, and whose scale is *max(this.scale(), augend.scale())*.

Declaration

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

```
public BigDecimal add(BigDecimal augend)
```

Parameters

- **augend** - value to be added to this BigDecimal.

Return Value

This method returns a BigDecimal object whose value this + augend

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.math.*;

public class BigDecimalDemo {

    public static void main(String[] args) {

        // create 3 BigDecimal objects
        BigDecimal bg1, bg2, bg3;

        // assign value to bg1 and bg2
        bg1 = new BigDecimal("40.732");
        bg2 = new BigDecimal("30.12");

        // print bg1 and bg2 value
        System.out.println("Object Value is " + bg1);
        System.out.println("Augend value is " + bg2);

        // perform add operation on bg1 with augend bg2
        bg3=bg1.add(bg2);

        // print bg3 value
        System.out.println("Result is " + bg3);
    }
}
```

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

```
Object Value is 40.732
Augend value is 30.12
Result is 70.852
```

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