

JAVA.LANG.FLOAT.ISNaN METHOD

http://www.tutorialspoint.com/java/lang/float_isnan.htm

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Description

The **java.lang.Float.isNaN** method returns true if this Float value is a **Not-a-Number** *NaN*, else false.

Declaration

Following is the declaration for **java.lang.Float.isNaN** method

```
public boolean isNaN()
```

Parameters

- NA

Return Value

This method returns true if the value represented by this object is NaN, else false.

Exception

- NA

Example

The following example shows the usage of java.lang.Float.isNaN method.

```
package com.tutorialspoint;

import java.lang.*;

public class FloatDemo {

    public static void main(String[] args) {

        Float f1 = new Float(-1.0/0.0);
        Float f2 = new Float(0.0/0.0);

        // returns true if this Float value is a Not-a-Number(NaN), else false
        System.out.println(f1 + " = " + f1.isNaN());

        System.out.println(f2 + " = " + f2.isNaN());
    }
}
```

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

```
-Infinity = false
NaN = true
```

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