

JAVA.LANG.DOUBLE.ISNAN METHOD

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

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Description

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

Declaration

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

```
public boolean isNaN()
```

Parameters

- NA

Return Value

This method returns true if the value represented by this object is NaN; false otherwise.

Exception

- NA

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class DoubleDemo {

    public static void main(String[] args) {

        Double d1 = new Double(-1.0/0.0);
        Double d2 = new Double(0.0/0.0);

        // returns true if this Double value is a Not-a-Number (NaN)
        System.out.println(d1 + " = " + d1.isNaN());

        // returns false for other cases
        System.out.println(d2 + " = " + d2.isNaN());

    }
}
```

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

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

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