

JAVA.LANG.FLOAT.ISINFINITEFLOATV METHOD

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

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Description

The **java.lang.Float.isInfinite***floatv* method returns true if the specified number is infinitely large in magnitude, else false. The argument **v** is the value to be tested.

Declaration

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

```
public static boolean isInfinite(float v)
```

Parameters

- **v** -- This is the value to be tested.

Return Value

This method returns true if the argument is positive infinity or negative infinity, else false.

Exception

- **NA**

Example

The following example shows the usage of java.lang.Float.isInfinite 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 positive or negative infinity, else false
        System.out.println(f1 + " = " + f1.isInfinite(f1));

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

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

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

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