

JAVA.LANG.DOUBLE.ISINFINITEDOUBLEV METHOD

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

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Description

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

Declaration

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

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

Parameters

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

Return Value

This method returns true if the value of the argument is positive infinity or negative infinity; false otherwise.

Exception

- **NA**

Example

The following example shows the usage of java.lang.Double.isInfinite 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 positive or negative infinity
        System.out.println(d1 + " = " + d1.isInfinite(d1));

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

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

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

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