

JAVA.LANG.STRICTMATH.TODEGREES METHOD

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

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Description

The **java.lang.StrictMath.toDegrees** method converts an angle measured in radians to an approximately equivalent angle measured in degrees. The conversion from radians to degrees is generally inexact, users should not expect *costoRadians(90.0)* to exactly equal 0.0.

Declaration

Following is the declaration for **java.lang.StrictMath.toDegrees** method

```
public static double toDegrees(double angrad)
```

Parameters

- **angrad** -- This is an angle, in radians

Return Value

This method returns the measurement of the angle angrad in degrees.

Exception

- NA

Example

The following example shows the usage of java.lang.StrictMath.toDegrees method.

```
package com.tutorialspoint;

import java.lang.*;

public class StrictMathDemo {

    public static void main(String[] args) {

        double d1 = 1.5707963267948966 , d2 = 0.0;

        /* converts an angle in radians to an approximately equivalent angle
        in degree.*/

        double degreeValue = StrictMath.toDegrees(d1);
        System.out.println("Degree value of d1 : " + degreeValue);

        degreeValue = StrictMath.toDegrees(d2);
        System.out.println("Degree value of d2 : " + degreeValue);
    }
}
```

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

```
Degree value of angel d1 : 90.0
Degree value of angel d2 : 0.0
```

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