

JAVA.LANG.LONG.TOBINARYSTRING METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.Long.toBinaryString** method returns a string representation of the long argument as an unsigned integer in base 2.

Declaration

Following is the declaration for **java.lang.Long.toBinaryString** method

```
public static String toBinaryString(long i)
```

Parameters

- **i** -- This is the long to be converted to a string.

Return Value

This method returns the string representation of the unsigned long value represented by the argument in binary *base2*.

Exception

- **NA**

Example

The following example shows the usage of java.lang.Long.toBinaryString method.

```
package com.tutorialspoint;

import java.lang.*;

public class LongDemo {

    public static void main(String[] args) {

        long l = 210;
        System.out.println("Number = " + l);

        /* returns the string representation of the unsigned long value
        represented by the argument in binary (base 2) */
        System.out.println("Binary is " + Long.toBinaryString(l));

        // returns the number of one-bits
        System.out.println("Number of one bits = " + Long.bitCount(l));
    }
}
```

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

```
Number = 210
Binary is 11010010
Number of one bits = 4
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js