

JAVA.LANG.LONG.REVERSEBYTES METHOD

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

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Description

The **java.lang.Long.reverseBytes** method returns the value obtained by reversing the order of the bytes in the two's complement representation of the specified long value.

Declaration

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

```
public static long reverseBytes(long i)
```

Parameters

- **i** -- This is the long value.

Return Value

This method returns the value obtained by reversing the bytes in the specified long value.

Exception

- **NA**

Example

The following example shows the usage of java.lang.Long.reverseBytes 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 = " + Long.toBinaryString(l));

        /* returns the value obtained by reversing the bytes in the specified
        long value */
        System.out.println("After reversing = " + Long.reverseBytes(l));
    }
}
```

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

```
Number = 210
Binary = 11010010
After reversing = -3314649325744685056
```

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