

JAVA.LANG.SHORT.REVERSEBYTES METHOD

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

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Description

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

Declaration

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

```
public static short reverseBytes(short i)
```

Parameters

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

Return Value

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

Exception

- NA

Example

The following example shows the usage of java.lang.Short.reverseBytes method.

```
package com.tutorialspoint;

import java.lang.*;

public class ShortDemo {

    public static void main(String[] args) {

        // assign value to short
        short shortNum = 50;

        /* returns the value after reversing the order of the bytes
        in the binary representation of the specified short value. */
        short shortValue = Short.reverseBytes(shortNum);

        // displaying the reversed value
        System.out.println("The reversed value is = " + shortValue);
    }
}
```

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

```
The reversed value is = 12800
```

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