

Introduction

The **java.lang.Short** class wraps a value of primitive type short in an object. An object of type Short contains a single field whose type is short.

Class declaration

Following is the declaration for **java.lang.Short** class:

```
public final class Short
    extends Number
        implements Comparable<Short>
```

Field

Following are the fields for **java.lang.Short** class:

- **static short MAX_VALUE** -- This is the constant holding the maximum value a short can have, $2^{15}-1$.
- **static short MIN_VALUE** -- This is the constant holding the minimum value a short can have, -2^{15} .
- **static int SIZE** -- This is the number of bits used to represent a short value in two's complement binary form.
- **static Class<Short> TYPE** -- This is the Class instance representing the primitive type short.

Class constructors

S.N.	Constructor & Description
1	Short <i>shortvalue</i> This constructs a newly allocated Short object that represents the specified short value.
2	Short <i>Strings</i> This constructs a newly allocated Short object that represents the short value indicated by the String parameter.

Class methods

S.N.	Method & Description
1	<u>byte byteValue</u> This method returns the value of this Short as a byte.
2	

[int compareToShortanotherShort](#)

This method compares two Short objects numerically.

3

[static Short decodeStringnm](#)

This method decodes a String into a Short.

4

[double doubleValue](#)

This method returns the value of this Short as a double.

5

[boolean equalsObjectobj](#)

This method compares this object to the specified object.

6

[float floatValue](#)

This method returns the value of this Short as a float.

7

[int hashCode](#)

This method returns a hash code for this Short.

8

[int intValue](#)

This method returns the value of this Short as an int.

9

[long longValue](#)

This method returns the value of this Short as a long.

10

[static short parseShortStrings](#)

This method parses the string argument as a signed decimal short.

11

[static short parseShortStrings, intradix](#)

This method parses the string argument as a signed short in the radix specified by the second argument.

12

[static short reverseBytesshorti](#)

This method returns the value obtained by reversing the order of the bytes in the two's complement representation of the specified short value.

13

[short shortValue](#)

This method returns the value of this Short as a short.

- 14 [String toString](#)
This method returns a String object representing this Short's value.
- 15 [static String toStringshorts](#)
This method returns a new String object representing the specified short.
- 16 [static Short valueOfshorts](#)
This method returns a Short instance representing the specified short value.
- 17 [static Short valueOfStrings](#)
This method returns a Short instance representing the specified short value.
- 18 [static Short valueOfStrings, intradix](#)
This method returns a Short object holding the value extracted from the specified String when parsed with the radix given by the second argument.

Methods inherited

This class inherits methods from the following classes:

• [java.lang.Object](#)

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