

JAVA.LANG.SHORT.PARSESHORT METHOD

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

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Description

The **java.lang.Short.parseShort** method parses the string argument as a signed short in the **radix** specified by the second argument.

Declaration

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

```
public static short parseShort(String s, int radix) throws NumberFormatException
```

Parameters

- **s** -- This is a String containing the short representation to be parsed.
- **radix** -- This is the radix to be used while parsing s

Return Value

This method returns the short represented by the string argument in the specified radix.

Exception

- **NumberFormatException** -- If the string does not contain a parsable short.

Example

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

```
package com.tutorialspoint;

import java.lang.*;

public class ShortDemo {

    public static void main(String[] args) {

        String str = "1000";

        // returns signed decimal short value of string
        short shortValue = Short.parseShort(str);

        // prints signed decimal short value
        System.out.println("Signed decimal short value for given String is = " + shortValue);

        // returns the string argument as a signed short in the radix
        shortValue = Short.parseShort(str, 2);
        System.out.println("Signed decimal short value for specified String with radix 2 is = " + shortValue);

        // returns the string argument as a signed short in the radix
        shortValue = Short.parseShort("11", 8);
        System.out.println("Signed decimal short value for specified String with radix 8 is = " + shortValue);
    }
}
```

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

```
Signed decimal short value for given String is = 1000  
Signed decimal short value for specified String with radix 2 is = 8  
Signed decimal short value for specified String with radix 8 is = 9
```

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