

JAVA.LANG.FLOAT.PARSEFLOAT METHOD

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

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Description

The **java.lang.Float.parseFloat** method returns a new float initialized to the value represented by the specified String, as done by the valueOf method of class Float.

Declaration

Following is the declaration for **java.lang.Float.parseFloat** method

```
public static float parseFloat(String s) throws NumberFormatException
```

Parameters

- **s** -- This is the string to be parsed.

Return Value

This method returns the float value represented by the string argument.

Exception

- **NumberFormatException** -- if the string does not contain a parsable float.

Example

The following example shows the usage of java.lang.Float.parseFloat method.

```
package com.tutorialspoint;

import java.lang.*;

public class FloatDemo {

    public static void main(String[] args) {

        Float f = new Float("20.75f");

        // returns the float value represented by the string argument
        String str = "30";
        float retval = f.parseFloat(str);
        System.out.println("Value = " + retval);
    }
}
```

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

```
Value = 30.0
```

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