

stamp.math

Class FloatLite6Math

[java.lang.Object](#)

```
|  
+--stamp.math.FloatLite6Math
```

```
public class FloatLite6Math  
extends Object
```

Companion methods for the FloatLite6 library which will find the minimum, maximum & average of FloatLite6 objects, including FloatLite6 Arrays.

Constructor Summary

[FloatLite6Math](#)()

Method Summary

static FloatLite6	addInt (FloatLite6 orig, int val) Add an integer value to a passed FloatLite6 Object.
static FloatLite6	addString (FloatLite6 orig, String val) Add a value in a String object to a passed FloatLite6 Object.
static FloatLite6	average (FloatLite6 [] list) Calculate the average value of an array of fixed point numbers.
static void	average (FloatLite6 [] list, FloatLite6 avgval) Calculate the average value of an array of fixed point numbers.
static FloatLite6	max (FloatLite6 [] list) Calculate the maximum value from an array of FloatLite6 values.
static void	max (FloatLite6 [] list, FloatLite6 maxval) Calculate the maximum value from an array of FloatLite6 values returning result in given object.
static FloatLite6	min (FloatLite6 [] list) Calculate the minimum value from an array of FloatLite6 values.
static void	min (FloatLite6 [] list, FloatLite6 minval) Calculate the minimum value from an array of FloatLite6 values.

static FloatLite6	subInt (FloatLite6 orig, int val) Subtract an integer value to a passed FloatLite6 Object.
static FloatLite6	subString (FloatLite6 orig, String val) Subtract a value in a String object to a passed FloatLite6 Object.

Methods inherited from class java.lang.Object
equals

Constructor Detail

FloatLite6Math

```
public FloatLite6Math()
```

Method Detail

min

```
public static FloatLite6 min(FloatLite6[] list)
```

Calculate the minimum value from an array of FloatLite6 values.

Parameters:

list - array of FloatLite6 objects

Returns:

FloatLite6 object with the minimum value

min

```
public static void min(FloatLite6[] list,  
                       FloatLite6 minval)
```

Calculate the minimum value from an array of FloatLite6 values.

Parameters:

list - array of FloatLite6 objects

minval - FloatLite6 object to hold the minimum value

max

```
public static FloatLite6 max(FloatLite6[] list)
```

Calculate the maximum value from an array of FloatLite6 values.

Parameters:

list - array of FloatLite6 objects

Returns:

FloatLite6 object with the maximum value

max

```
public static void max(FloatLite6[] list,  
    FloatLite6 maxval)
```

Calculate the maximum value from an array of FloatLite6 values returning result in given object.

Parameters:

list - array of FloatLite6 objects

maxval - FloatLite6 object where result is placed

average

```
public static FloatLite6 average(FloatLite6[] list)
```

Calculate the average value of an array of fixed point numbers.

Parameters:

list - array of FloatLite6 values

Returns:

answer FloatLite6 object with the average value

average

```
public static void average(FloatLite6[] list,  
    FloatLite6 avgval)
```

Calculate the average value of an array of fixed point numbers.

Parameters:

list - array of FloatLite6 values

avgval - FloatLite6 object with the average value

addInt

```
public static FloatLite6 addInt(FloatLite6 orig,  
                                int val)
```

Add an integer value to a passed FloatLite6 Object.

Returns:

FloatLite6 object with the result

addString

```
public static FloatLite6 addString(FloatLite6 orig,  
                                String val)
```

Add a value in a String object to a passed FloatLite6 Object.

Returns:

FloatLite6 object with the result

subInt

```
public static FloatLite6 subInt(FloatLite6 orig,  
                                int val)
```

Subtract an integer value to a passed FloatLite6 Object.

Returns:

FloatLite6 object with the result

subString

```
public static FloatLite6 subString(FloatLite6 orig,  
                                String val)
```

Subtract a value in a String object to a passed FloatLite6 Object.

Returns:

FloatLite6 object with the result

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Javelin Stamp

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