Package factorial

Class Factorial

java.lang.Object
      factorial.Factorial

```
public class Factorial
extends Object
```

Factorial

The Factorial program implements an application that calculates the Factorial of a number in different ways. Definició de factorial a la Viquipèdia.

Version:

1.0

Author:

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Constructor Summary

Constructors

Constructor	Description
Factorial()	

Method Summary

All Methods   Instance Methods   Concrete Methods
Deprecated Methods

Modifier and Type	Method	Description
double	getIterativeFactorial(int n)	This method calculates the factorial of a given number.
double	getRecursiveFact(int n)	**Deprecated.**
double	getRecursiveFactorial(int n)	This method calculates the factorial of a given number.

Methods inherited from class java.lang.Object

equals , getClass , hashCode , notify , notifyAll , toString , wait , wait , wait

Constructor Details

Factorial

```
public Factorial()
```

Method Details

getRecursiveFactorial

```
public double getRecursiveFactorial(int n)
                              throws IllegalArgumentException
```

This method calculates the factorial of a given number.

Parameters:

n - This is the parameter to do the calculation.

Returns:

int This returns the factorial of the number.

Throws:

IllegalArgumentException   - On input error.

---

getRecursiveFact

```
public double getRecursiveFact(int n)
```

> **Deprecated.**

---

getIterativeFactorial

```
public double getIterativeFactorial(int n)
                              throws IllegalArgumentException
```

This method calculates the factorial of a given number.

Parameters:

n - This is the parameter to do the calculation.

Returns:

int This returns the factorial of the number.

Throws:

IllegalArgumentException   - On input error.