

Class EvaluatorUtilities

```
public class EvaluatorUtilities
```

This class provides methods that are useful for processing mathematical expressions as strings.

Method Summary

Methods

Modifier and Type	Method and Description
static boolean	isNumber (String x) Returns true if the given string can be interpreted as a number, false otherwise.
static char	nextOperator (String exp) Returns a character representing the next operator in the given string.
static int	nextOperatorIndex (String exp) Returns the index in the given string of the next operator to be evaluated.

Method Detail

isNumber

```
public static boolean isNumber(String x)
```

Returns true if the given string can be interpreted as a number, false otherwise.

nextOperatorIndex

```
public static int nextOperatorIndex(String exp)
```

Returns the index in the given string of the next operator to be evaluated.
Returns -1 if there is no operator in exp.

For example, if exp is "(((1+2)*3)+(4*2))", nextOperator would return 10, because the "+" is the outermost operator and should be evaluated next.

This method considers "+", "*", "^", and "-" to be operators.

nextOperator

```
public static char nextOperator(String exp)
```

Returns a character representing the next operator in the given string.
Returns '?' if there is no such operator.

See [nextOperatorIndex](#) for more description of 'next' and 'operator'.