

Functions

- String type
- String errorMessage
- int varsInputed
- int totalVars
- double a
- double b
- double x
- double y
- Functions()
- getType()
- getErrorMessage()
- getA()
- getB()
- getX()
- getY()
- getVarsInputed()
- getTotalVars()
- setType()
- setErrorMessage()
- setA()
- setB()
- setX()
- setY()
- setVarsInputed()
- compute()
- validate()
- parse()

FunctionXY

- FunctionXY()
- compute()
- isDecimal()
- abs()
- validate()
- fractionalExponent()
- taylorSeriesExp()
- taylorSeriesLn()
- parse()

- Functions

FunctionAbx

- FunctionXY helperXY
- FunctionAbx()
- compute()
- validate()
- parse()
- getFirstSuperscriptNumber()

- Functions
- FunctionXY

FunctionArccos

- FunctionArccos()
- compute()
- validate()
- parse()

- Functions

FunctionlogBX

- FunctionXY helperXY
- FunctionLogBx()
- validate()
- compute()
- formatDecimal()
- logarithmicDecimal()
- logarithmic()
- closestPower()
- exponent()
- parse()

- Functions
- FunctionXY

FunctionMAD

- double[] dataset
- FunctionMAD()
- compute()
- validate()
- parse()
- resizeDataset()
- countValues()

- Functions

FunctionSinh

- FunctionSinh()
- compute()
- validate()
- parse()

- Functions

FunctionStandardDev	
<ul style="list-style-type: none">• double[] values• String stringInput• squareRoot()• FunctionStandardDev()• compute()• validate()• parse()• resizeDataset()• countValues()	<ul style="list-style-type: none">• Functions

Calculator

- StringBuilder expression
- Functions transcendentalFunction
- String errorMessage
- String lastAnswer
- setErrorMessage()
- setExpression()
- String getError()
- String getExpression()
- clear()
- del()
- appendToExpression()
- operatorHandler()
- decimalHandler()
- negationHandler()
- calculateExpression()
- isBasicArithmetic()
- computeBasicArithmetic()
- compute()
- appendAbxToExpression()
- appendLogbXToExpression()
- appendArccosToExpression()
- appendXYToExpression()
- appendMADToExpression()
- appendSinhToExpression()
- appendStandardDevExpression()
- checkIfFunctionEnabled()
- updateNextFunctionValue()

- Functions