AxisGraph

- Point[][] plane
- double highest
- ArrayList<String> graphs
- ArrayList<String> storage
- + AxisGraph()
- + String toString()
- + void zoom(double highVal)
- void translate(double dx, double dy)
- + void graph(String eq)
- + void graphAll(String eq)
- + void graphAll()
- + void refresh()
- + void clear()
- + void store(String eq)
- + String function(String input)
- + String findname(String input)
- String findexp(String name)
- + ArrayList<String> getGraphs()

Woo

+ Main (String[])

MathString

- static final String numbers
- + static String negativeNotate(String negNum)
- + static double notateToDouble(String negNum)
- static String simpleAdd(String exp)
- static String simpleSubtract(String exp)
- + static String simpleMultiply(String exp)
- + static String simpleDivide(String exp)
- static String simplePower(String exp)
- + static String addLtoR(String exp)
- static String multiplyLtoR(String exp)
- + static String powerLtoR(String exp)
- + static String evaluateParens(String exp)
- + static String evaluateFuncs(String exp)
- static String evaluateFunc(String exp, String func)
- + static int findClosingBracket(String exp, int open)
- + static String pemdas(String exp)
- static boolean isEqual(String eq)
- static int subSides(String eq)
- + static String sub(String exp,String var, double val)
- + static String getNumbers()
- + static boolean divZero(String eq)
- + static boolean divZeroExp(String exp)
- + static int findClosingParen(String exp, int open)

Point

- double x,y
- String myString
- String myColor;
- Point()
- + Point (double xIn, double yIn)
- + String toString()
- + void checkAxis()
- + void reset()
- void checkAxis(double halfInc)
- + void subEq(String eq)
- + void setColor(int graphNum)
- + void closeEnough_Color(String eq, double halfInc, int graphNum)
 - + void closeEnough(String eq,double halfInc)
 - + void setCor(double X, double Y)
 - + double[] getCor()
- + void translate(double dx, double dy)

ANSI

- +static final String RESET
- +static final String WHITE
- +static final String RED
- +static final String YELLOW
- +static final String GREEN
- +static final String BLUE
- +static final String CYAN
- +static final String PURPLE