About.

This is a smart calculator. It can calculate infix expressions with brackets, functions. It build graphics.

How to use it.

It is easy to use. You just have to input expression you would to calculate by mouse clicking buttons. Please, use the
next conventions for input:
sqrt - square root, example - sqrt(4);
log - decimal logarythm, example - log(10);
ln - natural logarythm, example - ln(10);
^ - power, example - 2^3;
sin - sinus, example - sin(1);
cos - cosinus;
tan - tangens;
asin - arcsinus;
acos - arccosinus;
atan - arctangens;
mod - remainder of the division, example - 10mod3;
x - if you would use a variable.

You should always use double brackets for sure. If you forget to put one it will be error and may cause to crash the program.

Also you can calculate expressions with variable 'x'. You may input line looks like this - 'sin(x)/(x - 1)' - And in special field above clear button you should enter the value of 'x'. If you don't enter the value it means 'x' equal zero.
You can enter a signed value.
If you would input the real numbers, you can enter with '.' .

Building the plot.

You can input an expression and try to build graphic. For this please input the expression you want into the main field. Then click the button ‘Transfer to a graphic view’. Your expression will be copy to the field in the tab ‘Graphic view’.
If you switch to this tab you can create a graphic view of your custom function. The scope of 'x' may be about -1000000...1000000. Range you may set any you would to axises 'x' and 'y' separately. You should fill the all fields and click 'Get it' to get the graphic.