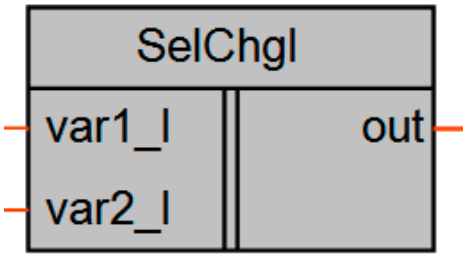
Changing an INT type number with two variables SelChgI



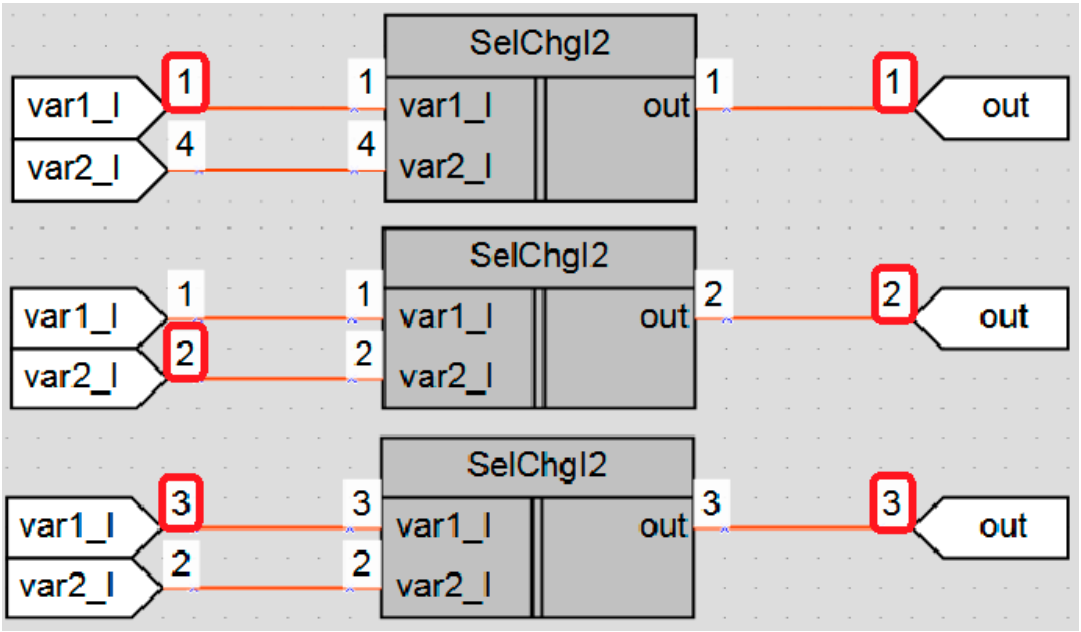
Input	Data type	Description	Area
var1_I	INT	First variable	0…2^{32}
var2_I	INT	Second variable	0…2^{32}
Output	**Data type**	**Description**	**Area**
out	INT	The result of the last entry change	0…2^{32}

Function

The macro is designed to change an int-type variable using two variables. The last change to one of the two variables is written at the output of the macro.

Sample project

The figure below shows an example of how a macro works with a sequential change of a variable. In the first step var1_I changes, in the second, var2_I and in the third, var2_I again, as a result, the last changed value is displayed at the output.



Application area of the macro:

1) In algorithms with numbers in INT format, where it is necessary to change a variable from several places, e.g. from the display and via a network interface.

Devices	PR200, SMI200
Version	1.0
Last modification	06.06.2020