**real**

*Function of obtaining real part of complex number.*

**Syntax:**

*y* **= real***(x);*

**Arguments:**

*x* – input value of complex number.

**Description:**

*real(x)* – function of obtaining real part of complex number *x*. Function can be used when determining variables.

Input value *x* can be assigned:

* as variable of complex number type:

*y* = **imag**(*x*);

* as constant complex number:

*y* = **imag**(3+4i);

**Result:**

*y* – obtained value. It features “integer” type

**Example:**

|  |  |
| --- | --- |
|  | **var**  x:**integer** = **real**(1+5i);  y = **real**(3+4i); |

As a result, variable *y* will be assigned value 3, variable *x* will be assigned value 1.