**mean**

*Function of calculation of mean value of vector elements.*

**Syntax:**

*y* = **mean***(X);*

**Arguments:**

*X* – input array containing vector elements.

**Description:**

*mean(X)* – function returns the mean value of input vector *X* elements.Vector *X* elements shall be real numbers.

The input array *X* can be assigned:

* as variable of array type determined earlier:

*y* = **mean**(*X*);

* as array consisting of variables determined earlier:

*y* = **mean**([*x1,x2,x3,x4*]);

* as constant array:

*y* = **mean**(*[*0,0,2,1,0*]);*

**Result:**

*y* – mean value.

**Example:**

|  |  |
| --- | --- |
|  | **const** X = [2, 2, 1, 3, 4];  y = **mean**(X); |

As a result, value 2.4 that is a mean value of input array elements will be assigned to variable *y*.