**matrix**

*Function of creating zero matrix.*

**Syntax:**

*M* = **matrix**(*n, m*);

**Arguments:**

*n* – quantity of zero matrix strings,

*m* – quantity of zero matrix columns.

**Description:**

*matrix(n, m)* – function returns matrix of dimensionality n to m, where all the elements equal zero.

**Result:**

*М* – returnable zero matrix*.*

**Example:**

|  |  |
| --- | --- |
|  | **const** n = 5;  M = **matrix**(n, 4); |

As a result, variable *M* will be assigned value of array

[

[0, 0, 0, 0],

[0, 0, 0, 0],

[0, 0, 0, 0],

[0, 0, 0, 0],

[0, 0, 0, 0]

],

determining zero matrix, where all the elements equal 0.