**vector**

*Function of creating zero vector.*

**Syntax:**

*X* = **vector**(*n*);

**Arguments:**

*n* – quantity of zero vector elements.

**Description:**

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

**Result:**

*X* – returnable array of zero vector elements*.*

**Example:**

|  |  |
| --- | --- |
|  | **const** n = 5;  X = **vector**(n); |

As a result, variable *X* will be assigned value of array [0, 0, 0, 0, 0]

determining zero vector where all the elements equal 0.