**case**

*Function of selecting argument by number.*

**Syntax:**

*y* = **case**(*i,x0,x1, …, xn*);

**Arguments:**

*i* – number of selected argument features integer type,

*x0, x2, …, xn*– input arguments.

**Description:**

*case(i, x0, x2, …, xn)* – function of selecting one of input arguments *x0, x2, …, xn* by number determined by argument *i.* The numbering of arguments begins from zero.

**Result:**

*y* – variable comprising selected input argument.

**Example:**

|  |  |
| --- | --- |
|  | **var**  i: **integer;**  **for** (i = 0, 4, 1) **begin**  y = **case**(i, 10, 20, 30, 40, 50);  // y takes here values from 10 to 50  // …  **end**; |

As a result, variable *y* will be assigned sequentially values from 10 to 50.