**div**

*Operator of integer division.*

**Syntax:**

*c* **=***a* **div** *b;*

**Arguments:**

*a* – dividend, integer,

*b* – divider, integer.

**Description:**

*div* – operator of integer division.

**Result:**

*c* – result of operation, integer.

**Example:**

|  |  |
| --- | --- |
|  | y = 8;  x1 = 5;  x2 = 3;  x3 = 2;  z1 = y **div** x1;  z2 = y **div** x2;  z3 = y **div** x3; |

As a result, variable *z1* will be assigned value 1, given that if integer 8 is divided by integer 5, the result will give an integer 1 and a remainder 3.

Variable *z2* will be assigned value 2, given that if integer 8 is divided by integer 3, the result will give an integer 2 and a remainder 2.

Variable *z3* will be assigned value 4, given that if integer 8 is divided by integer 2, the result will give an integer 4 and a remainder 0.