**shl**

*Operator of bitwise left shift.*

**Syntax:**

*c* **=** *a* **shl** *b;*

**Arguments:**

*a* – operand of bitwise left shift,

*b* – number of shifts.

**Description:**

*shl* – operator of bitwise left shift. All operand unit bits get shifted to a specified number of bits to the left, the 31st bit determines a sign of number.

**Result:**

*c* – operation result.

**Example 1:**

|  |  |
| --- | --- |
|  | a = 1;//0001  b = 3;  c = a **shl** b; //1000 |

As a result, variable *c* will be assigned value 8.