**and**

*Operator of bitwise logical AND.*

**Syntax:**

*c* **=** *a* **and** *b;*

**Arguments:**

*a, b* – operands of bitwise logical AND.

**Description:**

*and* – operator of bitwise logicalAND. Operation of logical AND shall be performed bitwise with input operands.

**Result:**

*c* – operation result.

**Example:**

|  |  |
| --- | --- |
|  | y = 8; //1000  x = 5; //0101  z1 = y **and** x; //0000  y = 9; //1001  x = 5; //0101  z2 = y **and** x; //0001  y = 13; //1101  x = 5; //0101  z3 = y **and** x; //0101 |

As a result, variable *z1* will be assigned value 0, *z2*,will be assigned value 1, *z3* will be assigned value 5.