unsigned int used all 32 bits to store the value and the MSB. (=1) will make the value. An unsigned int does not use the 2's compliment again to display the number. Thus, 12... 10010000. gets printed as it is in decimal Therefore, unsigned inta2-112; cout un a ucendi, Operators Basic Anithmetic operatorzs! +,-,X,/, /2 jac

Caution (1)

1) int/int = int (floor value of answer)

Examples!
$$5/2 = 1$$
 $3/5 = 0$
 $9/2 = 4$

Relational operators!

$$0 \text{ Is } a=b?$$

$$a=b \Rightarrow 2$$

$$1$$

$$1 \text{ No } b$$

1 Moiling

int a = 2! int b = 3; bool first = (a = = b); cout LC first LL end!; bool second = (a7b); cout as second exend! bool thing = (a25); cout cc thind cc end! bool fourth = (a7=b)', Cost LC fourth LC end!

bool fifth = (a'=b); cout LC fifth LC endl; bool sixth = (a!=b); cout LC sixth LC endl;

200 Logical openators!

(And), (OR), (NOt)

output!

1 Logical And:

All conditions must be true for the output to be true.

Example: int, a =5, b=10, c=15;

Cout LC((a>0) 88 (b!=0) 88 (c2=15)),

1 (to the many thanks of the b

palputi 2

1 Logical ORI

At least 1 conditions must be true for the output to be true:

tramplel int a25, 6210, C215

cont LL ((a75) \$ 11 (b210) 11 (C7=15)).

oalpul

(3) Logical Not!

Toyonto the

Invents the logic. True Z ; folse Non-Zeno Z ; zeno

Example

int a = 10, b = 0',

cout LL (!a) LL end!',

cout LL (!b) LL end!',

output!

. D. J. D. J. Belle 812.

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