More hout dat a types
"(losure properties for integers + floating point:
int [] int -> int ([] could be
float [] float -> float
int [] float > float
Note: thre is an extended "PEMDAS" for C++" operators. See "precedence of operators in C++".
(Note: no bust-in exponentiation! xy \(\int \times Note: No bust-in exponentiation!
Remark en integer overflow: say me have this:
unsigned int x,y; // no negatives: 0 \(\times, \times \) \(2 \)
what if $x+y \geq 2^{32}$? $\binom{3^2}{2^2-1} = 0$
$e.g.(\frac{3^2}{2^{-1}})+3=2$

Booleans

bool bj // b can be true or false

examples of brolean expressions:

$$\left(\times = 7 \right)$$

$$(x_i) = \lambda$$

$$(\times > \wedge)$$

11 true only if b and c are true

(bllc) // true if either borc (!b) // true (=> b is false (x < y) is the same thing as j(x>=1)H(1) = Vs == foot-gun: int X, Y; "+ (X=1) (... } compiler error? Nope! Compile vin 9++ -Wall (or use my Make files!)

Exercise:	read integ	ers \under co	onputes the	SUM
Note/hint:	•	this with	only 2	. variables
Ideas?		sum		
	(nost recent	(Sun 5	o far	