

## C Operators and their priorities.

names, literals	cat, main, "abc"	primary	1	
[ ] ( ) . ->	arr[i] sin(alpha) a.name p->next		2	
++, --	count++	postfix	3	
++, -- sizeof ~ ! +, - & *	--n  bitwise not normal not numeric, -x address of follow pointer	unary	4	
( type )	( int )r	unary	5	
*, /, %	multiply, divide, remainder	binary	6	
+, -	add, subtract	binary	7	
<<, >>	bit shifts	binary	8	
<, >, <=, >=	comparisons	binary	9	
==, !=	comparisons	binary	10	
&	bitwise and	binary	11	
^	bitwise exclusive or	binary	12	
	bitwise or	binary	13	
&&	normal and	binary	14	
	normal or	binary	15	
? :	a < b ? 1 : 2	ternary	16	associates to right
=, +=, *=, >>=, etc	assignments	binary	17	associates to right
,	sequential evaluation	binary	18	

*(adapted from "C A Reference Manual", Harbison and Steele)*