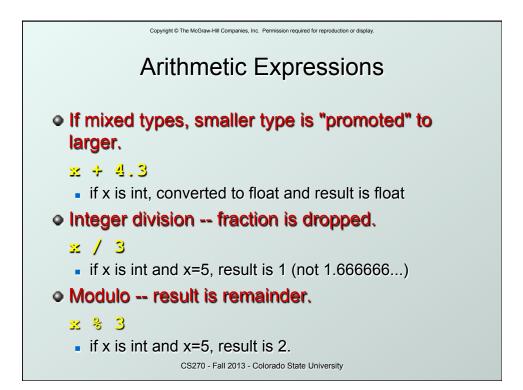


Symbol	Operation	Usage	Precedence	Assoc
*	multiply	<u>ж * У</u>	6	l-to-r
/	divide	х / у	6	l-to-r
%	modulo	× % ⊻	6	l-to-r
+	add	х + у	7	l-to-r
-	subtract	<u>х - у</u>	7	l-to-r
• * / %	ociate left to r have higher p ecedence cha	precedence	than <mark>⊹ –</mark> . i02 of textbook	



Symbol	Operation	Usage	Precedence	Assoc
~	bitwise NOT	~%	4	r-to-l
<<	left shift	<u>ж << у</u>	8	l-to-r
>>	right shift	x >> y	8	l-to-r
&	bitwise AND	x & y	11	l-to-r
٨	bitwise XOR	<mark>ж ^ У</mark>	12	l-to-r
	bitwise OR	x j y	13	l-to-r
 Like Shift op 	te on variables LC-3 AND and NC perations are lo rate on <i>values</i> n	DT instructions	rithmetic).	

Symbol	Operation	Usage	Precedence	Assoc
!	logical NOT	<mark>! x</mark>	4	r-to-l
&&	logical AND	x 55 y	14	I-to-r
	Logical OR	x y	15	l-to-r
FALSE	. ,	. ,	as TRUE (non ways either TF	,

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>		Usage	Precedence	Assoc
-	greater than	<u>× > y</u>	9	l-to-r
>=	greater or equal	x >= y	9	I-to-r
<	less than	<u>ж < у</u>	9	I-to-r
<	less or equal	x <= y	9	l-to-r
==	equals	х == у	10	l-to-r
!=	not equals	× != y	10	l-to-r

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Symbol	Operation	Usage	Precedence	Assoc	
++	postincrement	×++	2	r-to-l	
	postdecrement	×	2	r-to-l	
++	preincrement	++X	3	r-to-l	
	predecrement	32	3	r-to-l	

- Changes value of variable before (or after) its value is used in an expression.
 - Pre: Increment/decrement variable before using its value.
 - Post: Increment/decrement variable after using its value.

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