



1





5

Division

float a; int b=10, c=4; $a = b^{*}1.0 / c; \rightarrow a=2.5$ $a = b / (c^{*}1.0); \rightarrow a=2.5$ $a = (float) b / c; \rightarrow a=2.5$ CASTING $a = b / (float) c; \rightarrow a=2.5$ CASTING



Relational operators

- > greater than
- >= greater than or equal
- < less than
- <= less than or equal
- == equal to
- != not equal to
- The result of a relational operator is either 1 (True) or 0 (False).



expression I		expression I && e	expression2	
)) nonzero nonzero	0 nonzero 0 nonzero	0 0 0 1		
	expressior	1 expression2	expression I expressio	n2
	0	0	0	
	0	nonzero	1	
	nonzero	0	1	
	nonzero	nonzero	1	
		expression	! expression	
		0	1	
			0	



Bit I	Bit 2	Bit I & Bit 2	Bit I	Bit 2	Bit I Bit 2
0	0	0	0	0	0
0	1	0	0	1	1
1	0	0	1	0	1
1	1	1	1	1	1
Bit I	Bit 2	Bit I ^ Bit 2	•	Problen	า
0	0	0		$6 \frac{8}{8} = \frac{1}{2}$?
0	1	1			
1	0	1		6 && 8 =	= ?
1	1	0		6 8 =	?
				0 0	•







Assignment operator	Sample expression	Explanation	Assigns
Assume: int $c = 3$, $d =$	= 5, e = 4, f = 6, g = 0	= 12;	10 to c
-=	d -= 4	d = d - 4	1 to d
*=	e *= 5	e = e * 5	20 to e
/=	f /= 3	f = f / 3	2 to f
%=	g %= 9	g = g % 9	3 to g



operatore recodence					
Category	Operator	Associativity			
Postfix	() [] -> . ++	Left to right			
Unary	+ - ! ~ ++(type) & sizeof	Right to left			
Multiplicative	* / %	Left to right			
Additive	+ -	Left to right			
Shift	<< >>	Left to right			
Relational	< <= > >=	Left to right			
Equality	== !=	Left to right			
Bitwise AND	&	Left to right			
Bitwise XOR	^	Left to right			
Bitwise OR	I	Left to right			
Logical AND	8.8	Left to right			
Logical OR	I	Left to right			
Conditional	?:	Right to left			
Assignment	= += -= *= /= %=>>= <<= &= ^= =	Right to left			
Comma		Left to right			