OPERATORS AND THEIR RELATIVE PRECEDENCE

1 is highest precedence

Operator	Description	Precedence	Operator	Description	Precedence
postfix operators		1	*equality operators*		7
`++`	postfix increment		`==`	is equal to	
`--`	postfix decrement		`!=`	is not equal to	
unary operators		2	*bitwise* AND		8
`++`	prefix increment		`&`	bitwise AND	
`--`	prefix decrement		*bitwise exclusive* OR		9
`+`	leading plus		`^`	exclusive OR	
`-`	leading minus		*bitwise inclusive* OR		10
`!`	logical not		`|`	inclusive OR	
`~`	Bitwise complement		*logical* AND		11
multiplicative operators		3	`&&`	conditional AND	
`*`	multiplication		*logical* OR		12
`/`	division		`||`	conditional OR	
`%`	remainder		*ternary*		13
additive operators		4	`?:`	conditional	
`+`	addition		*assignment*		14
`-`	subtraction		`=`	assignment	
shift operators		5	`+=`	addition assignment	
`<<`	shift left		`-=`	subtraction assignment	
`>>`	shift right		`*=`	multiplication assignment	
`>>>`	unsigned shift right		`/=`	division assignment	
relational operators		6	`%=`	remainder assignment	
`<`	less than		`&=`	bitwise AND assignment	
`<=`	less than or equal to		`^=`	bitwise exclusive OR assignment	
`>`	greater than		`|=`	bitwise inclusive OR assignment	
`>=`	greater than or equal to		`<<=`	bitwise left shift assignment	
instanceof	class comparator		`>>=`	bitwise right shift assignment	
			`>>>=`	bitwise unsigned right shift assign	