CSc 227 — Program Design and Development
Spring 2014 (McCann)

http://www.cs.arizona.edu/classes/cs227/spring14/

Java Keywords and Operator Precedence

Java Keywords[1,2]

(You **can't** use these as identifiers in your programs.)

`abstract`	`continue`	`for`	`new`	`switch`
`assert`	`default`	`goto`[3]	`package`	`synchronized`
`boolean`	`do`	`if`	`private`	`this`
`break`	`double`	`implements`	`protected`	`throw`
`byte`	`else`	`import`	`public`	`throws`
`case`	`enum`	`instanceof`	`return`	`transient`
`catch`	`extends`	`int`	`short`	`try`
`char`	`final`	`interface`	`static`	`void`
`class`	`finally`	`long`	`strictfp`	`volatile`
`const`[3]	`float`	`native`	`super`	`while`

[1] `http://docs.oracle.com/javase/tutorial/java/nutsandbolts/_keywords.html`
[2] `true`, `false`, and `null` are not officially keywords but they are special (we can't reassign those names, either)
[3] `const` and `goto` are keywords, but they are not currently used by Java

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Java Operator Precedence and Associativity Table

Precedence	Operators	Associativity
Highest	`()` `[]` `.`(member selection)	L to R
	`++` `--` `+`(unary) `-`(unary) `~` `!` `()`(cast) `new`	**R to L**
	`*` `/` `%`	L to R
	`+` `-` `+`(concatenation)	L to R
	`<<` `>>` `>>>`	L to R
	`<` `<=` `>` `>=` `instanceof`	L to R
	`==` `!=` `==`(object) `!=`(object)	L to R
	`&`(integral) `&`(boolean)	L to R
	`^`(integral) `^`(boolean)	L to R
	`|`(integral) `|`(boolean)	L to R
	`&&`	L to R
	`||`	L to R
	`?:`	L to R
Lowest	`=` `*=` `/=` `%=` `+=` `-=` `<<=` `>>=` `>>>=` `&=` `^=` `|=`	**R to L**