The *precedence* of each Boolean operator is as follows:

1. ! is evaluated first
2. && is evaluated second
3. || is evaluated third

if/else statements can become lengthy even when you simply want to return a value depending on a Boolean expression. Fortunately, Java provides a shortcut that allows you to writeif/else statements in a single line of code. It is called the ternary conditional statement.

The term ternary comes from a Latin word that means "composed of three parts".

These three parts are:

1. A Boolean expression
2. A single statement that gets executed if the Boolean expression is true
3. A single statement that gets executed if the Boolean expression is false

* Boolean Operators: &&, ||, and ! are used to build Boolean expressions and have a defined order of operations
* Statements: if, if/else, andif/else if/else statements are used to conditionally execute blocks of code
* Ternary Conditional: a shortened version of anif/else statement that returns a value based on the value of a Boolean expression
* Switch: allows us to check equality of a variable or expression with a value that does not need to be a Boolean