MODULE 3

CONDITIONAL STATEMENTS & LOOPS

Conditional Statements

A conditional statement is a statement that evaluates to a Boolean value (true/false).

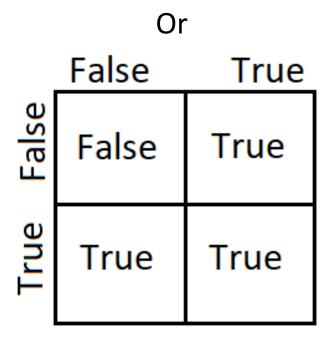Then depending on that value something either happens or does not happen.
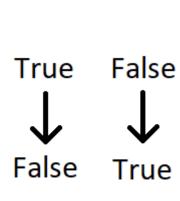
We'll go over:

- And / Or / not operations

- If, elif, else

And / Or / Not

Operations on Booleans(true/false)

And

	False	True
False	False	False
True	False	True

Or

	False	True
False	False	True
True	True	True

Not

True   False

↓   ↓

False   True

Loops

Loops are useful when you want to do something more than once, or perform the same operation on a set of data.

The types of loops that are important to know are:

While loops,

For loops,

Enhanced for loops.

Try it out

Create a program that will count from 0 to 100 and on each number will print that number, 'zip' if the number is evenly divisible by 2 and 'zap' if that number is evenly divisible by 5 in the same line.