

## 3 – Basic Operations in Programming Languages

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### Arithmetic Operations

You can do most mathematical operations in programming languages such as: addition, subtraction, multiplication, division, exponentiation, logarithms, etc.

### Relational Operations

Relational operations are the operations used in if-statements to make decisions. Some examples are: equivalence (==), not (!), less than (<), greater than or equal to (>=).

### Boolean Operations

Boolean operations are logic operators. They usually take two binary inputs and return a single, binary output. For example: AND, OR and NOT.

### String-handling Functions

Amongst other things, strings can be sliced, concatenated, indexed and converted to their ASCII characters.