Types

```
// ----- TYPE -----
    // Scala features a rich type system consisting of both primitive and complex types

// --- PRIMITIVE TYPE ---
    // Byte => 8-bit signed integer
    // Short => 16-bit signed integer
    // Int => 32-bit signed integer
    // Long => 64-bit signed integer
    // Float => 32-bit single-precision floating point number
    // Double => 64-bit double-precision floating point number
    // Char => 16-bit Unicode character declared with '' single quotes
    // Boolean => true or false
    // Unit => represents the absence of a value with only one instance (), equivalent to void in Java

// --- REFERENCE TYPE ---
    // String => sequence of Char primitives, immutable and backed by the Java String class, declared with "" double quotes
    // Option => datatype representing either an optional value or None
    // Tuple => data structure storing a fixed number of items of different types, declared with () round brackets
    // List => immutable linked list
    // Seq => ordered sequence of elements
    // Set => unordered sequence of unique elements
    // Map => collection of key-value pairs

// --- ANY ---
    // Any => root type of all datatypes in Scala, allowing for Scala's type inference
    // AnyVal => parent type of all primitive types
    // AnyRef => parent type of all reference types
```

Operators

```
// ----- OPERATOR -----

// ARITHMETIC OPERATORS
```