Return

Test if the Number value will be returned properly

Test if the String returned represents the return statement properly

BooleanOperation

Tests the multiple different operators and if they work properly

Tests if the function can represent all parts of the expression as a String without errors

Assignment

Tests the ability to assign a Variable a Number through the State Tests the ability to represent the assignment expression in a String

Variable

Tests the ability to retrieve values from the hashtable using the variable key name Tests the representation of variable in an expression

State

Tests the ability to update to the hashtable
Tests the ability to retrieve from the hashtable using keys

Number

Tests the retrieval of Number's integer value Tests the string representation of Number

Comparison

Tests multiple different operators and if they work properly
Tests where the proper strings are returned for subsequents expressions

ArithmeticOperation

Tests multiple different operators

Test whether the proper strings are returned