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                                            10. The Language Specification - Comparisons
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                                             <"abcdefgh"5
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                                             abcde
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                                            Ex:
                                             True
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                                            Ex:
                                             Pprint("\n",equal(T,5))
                                             Pprint("\n",equal(T,T))
                                             False
                                             True
                                           10.3. ">" - Is Greater Than
                                           Arity: 2
                                            Ex:
                                             Pprint("\n",gt(5,T))
                                             Pprint("\n",gt(T,5))
                                             False
                                             True
```

```
______
Checks if set a is a subset of set b. This means that it checks if set b contains all the elements
 ______
 Pprint("\n", lt(Pset(Plist(1,(2))), Pset(Plist(1,(2),(3)))))
 ______
This checks if the two values are equal to each other. This is the same as the Python ==.
 ______
 ______
 10.3.1 Any a, Same Type b: Greater Than
This checks if a is greater than b. Uses the same type of comparisons as <
 ______
 ______
 10.3.2 Seq a, Int b: Slice From
This takes a slice of sequence a from index b onwards till the end. This is equivalent to the
Python a[b:] . The slice is inclusive of the element at index b.
Ex:
```

G Edit on GitHub

### Pprint("\n",gt(Pset(Plist(1,(2),(3))),Pset(Plist(1,(2))))) \_\_\_\_\_ True

10.4. "n" - Not Equal To

\_\_\_\_\_\_

\_\_\_\_\_\_

of set **b**. This does not return True if the two sets are equal.

\_\_\_\_\_\_

\_\_\_\_\_\_

>"abcdefgh"5

fgh

Ex:

>{[1 2 3){[1 2)

Pprint("\n",gt("abcdefgh",5))

10.3.3. Set a, Set b: Is Superset

Checks if the two elements are not equal to each other. This is equivalent to Python's "!=".

Arity: 2

Ex:

Pprint("\n",ne(T,5))

```
Pprint("\n",ne(T,T))
 False
10.5. "g" - Is Greater Than or Equal To
```

Checks is set a is a superset of set b. This means that it checks if set a contains all the elements

# 10.5.1. Any a, Same Type b: Greater Than or Equal To

Checks if a is greater than or equal to b.

Arity: 2

Ex:

\_\_\_\_\_\_

```
Pprint("\n",gte(T,5))
 Pprint("\n",gte(T,T))
 Pprint("\n",gte(5,T))
 ______
 True
 True
 False
10.5.2. Seq a, Int b: Slice From, 1-indexed
```

# Ex:

This takes a slice of a, from the element b-1. It is equivalent to a[b-1:].

\_\_\_\_\_\_ Pprint("\n",gte(G,5))

gG5

```
efghijklmnopqrstuvwxyz
10.5.3. Set a, Set b: Superset or Equal
Checks if set a is a superset of set b or equal to set b.
```

# Ex:

g{[1 2 3){[2 3)g{[1 2 3){[1 2 3)

\_\_\_\_\_\_ Pprint("\n",gte(Pset(Plist(1,(2),(3))),Pset(Plist(2,(3))))) Pprint("\n",gte(Pset(Plist(1,(2),(3))),Pset(Plist(1,(2),(3)))))

```
______
True
True
10.6. "}" - Contains
Arity: 2
```

# Checks if the second argument, a collection, contains the first argument. Is equivalent to the

Python in operator.

Ex:

```
______
Pprint("\n",("a" in "abc"))
______
True
```

Previous

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