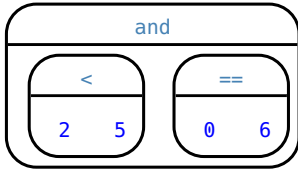


Inequalities—Practice

Create the Circles of Evaluation, then convert the expressions into code in the space provided.

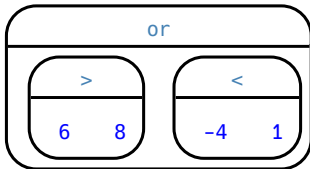
1) 2 is less than 5, and 0 is equal to 6



`(2 < 5) and (0 == 6)`

What will this evaluate to? false

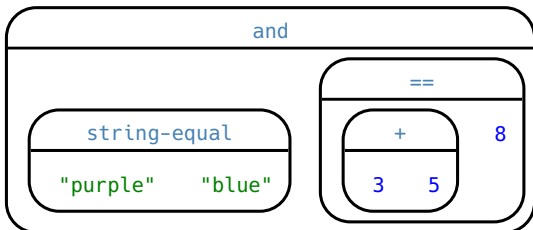
2) 6 is greater than 8, or -4 is less than 1



`(6 > 8) or (-4 < 1)`

What will this evaluate to? true

3) The String "purple" is the same as the String "blue", and 3 plus 5 equals 8



`string-equal("purple", "blue") and ((3 + 5) == 8)`

What will this evaluate to? false

4) Write the contracts for `and` & `or` in your Contracts page.

```
# and :: Boolean Boolean -> Boolean
```

```
# or :: Boolean Boolean -> Boolean
```