

Contracts

Contracts tell us how to use a function. For example: `num-min :: (a :: Number, b :: Number) -> Number` tells us that the name of the function is `num-min` , it takes two inputs (both Numbers), and it evaluates to a `Number` . From the contract, we know `num-min (4, 6)` will evaluate to a `Number` . Use the blank line under each contract for notes or sample code for that function!

Name	Domain	Range
string-repeat	:: (text :: String, repeat :: Number)	-> String
string-contains	:: (text :: String, search-for :: String)	-> Boolean
num-sqr	:: (n :: Number)	-> Number
num-sqrt	:: (n :: Number)	-> Number
num-min	:: (a :: Number, b :: Number)	-> Number
num-max	:: (a :: Number, b :: Number)	-> Number
count	:: (t :: Table, col :: String)	-> Table
mean	:: (t :: Table, col :: String)	-> Number
median	:: (t :: Table, col :: String)	-> Number
modes	:: (t :: Table, col :: String)	-> List<Number>
bar-chart	:: (t :: Table, col :: String)	-> Image
pie-chart	:: (t :: Table, col :: String)	-> Image
histogram	:: (t :: Table, values :: String, bin-width :: Number)	-> Image