## The Design Recipe

For the word problems below, assume animalA and animalB are defined as the data rows for Felix and Midnight, respectively.

**Directions:** Define a function called <code>is-cat</code>, which consumes a <code>Row</code> of the animals table and <code>computes</code> whether the animal is a cat

Contra	act and Purpose S	tatement			
Every cor	tract has three parts				
#	is-cat::		(r :: Row)	->	Boolean
j	function name		domain		range
# Consi	umes an animal, a	nd computes whe	ther the species == "ca	at"	
			what does the function do?		
Examp	oles				
Write sor	ne examples, then circle	and label what changes	·		
examp]	les:				
	is-cat (	"animalA"	) is		
	function name	input(s)		what the function produces	_
	(		) is		
end	function name	input(s)		what the function produces	
	l'an				
Defini					
		lle names to all your inpu			
fun _	is-cat(	<u> </u>	:		
ωΓU	function name	variable(s)			
1 [ 3	species"] == '		what the function does with those variab		
	ons : Define a funct			ow of the animals table and	computes whether it is less
<b>Directi</b>	ur years old.	ion called is-you:			computes whether it is less
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