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 lookup-fixed. , which looks up whether or not an animal is fixed.

Contract and Purpose Statemen		
Every contract has three parts		
# lookup-fixed::	(r :: Row)	-> Boolean
function name	domain	range
# Consumes an animal, and looks	up the value in the fixed column.	
	what does the function do?	
Examples		
Write some examples, then circle and label w	hat changes	
examples:		
_lookup-fixed ("ani	malA") is animalA["fixed"]	
		the function produces
lookup-fixed ("ani	malB") is animalB["fixed"]	
function name inp	out(s) what t	the function produces
Definition		
Write the definition, giving variable names to		
<pre>fun lookup-fixed(r</pre>):	
function name variabl	2(8)	
r["fixed"]	what the function does with those variable(s)	
end	what the function does with those variable(s)	
animal. Contract and Purpose Statemen Every contract has three parts	t	
# lookup-sex::	(r :: Row)	-> String
function name	domain	range
# Consumes an animal, and looks	up the sex	
	what does the function do?	
Examples		
Write some examples, then circle and label w	hat changes	
examples:		
lookup-sex ("ani	malA") is animalA["sex"]	
function name inp	out(s) what i	the function produces
lookup-sex ("ani	malB") is animalB["sex"]	
	out(s) what i	the function produces
end		
Definition		
Write the definition, giving variable names to	all your input values	
<pre>fun lookup-sex(r</pre>):	
function name variabl	e(s)	
r["sex"]		

what the function does with those variable(s)

end