The Design Recipe

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

 $\textbf{Directions:} \ \textbf{Define a function called} \ \ \texttt{lookup-fixed} \ \textbf{, which looks up whether or not an animal is fixed.}$

Cont	ract and Purpose Sta	tement					
Every c	ontract has three parts						
# l	ookup-fixed::		(r ::	Row)	->	Boolean	
	function name		domai	in		range	
# Cor	sumes an animal, and	d looks up the	value in the fix	xed column.			
			what does the	function do?			
Exar	nples						
Write s	ome examples, then circle ar	nd label what chang	25				
exam	ples:						
	() is				
	function name	input(s)			what the function produces		
	() is				
	function name	input(s)	′		what the function produces		
end	•	• ','					
Defi	nition						
Write t	he definition, giving variable	names to all your in	put values				
fun	lookup-fixed(r):				
•	function name	variable(s)	.*				
rΓ	"fixed"]						
	-		what the function does w	ith those variable(s)			
end							
anima Cont	ract and Purpose Sta		p sex , which co			isono up une sex o.	
	ontract has three parts						
#	::::				->		
	function name		domai	in		range	
#							
			what does the	function do?			
Exar	nples						
Write s	ome examples, then circle ar	nd label what chang	25				
exam	ples:						
	() is				
	function name	input(s)			what the function produces	_	
	() is				
end	function name	input(s)	<u> </u>		what the function produces	_	
Defi	nition						
	he definition, giving variable	names to all vour in	put values				
fun	(,):				
	function name	variable(s)					
	v						
			what the function does w	ith those variable(s)			

end