

Word Problem: is-safe-left

Directions: Use the Design Recipe to write a function 'is-safe-left', which takes in an x-coordinate and checks to see if the x-coordinate is greater than -50

Contract and Purpose Statement

Every contract has three parts...

is-safe-left	::	Number	->	Boolean
<i>function name</i>		<i>domain</i>		<i>range</i>
# Determine whether given number is greater than -50				
<i>what does the function do?</i>				

Examples

Write some examples, then circle and label what changes...

examples:

is-safe-left	(25) is	25 > -50
<i>function name</i>		<i>input(s)</i>		<i>what the function produces</i>
is-safe-left	(-51) is	-51 > -50
<i>function name</i>		<i>input(s)</i>		<i>what the function produces</i>

end

Definition

Write the definition, given variable names to all your input values...

fun is-safe-left	(x):
<i>function name</i>		<i>variables</i>	
x > -50			
<i>what the function does with those variables</i>			

end