

Check for Mistakes in this Word Problem: long-name?

Directions: Names that are longer than 20 characters are considered long names. Write a function that takes in a person's name and returns true if it is a long name and false if it is not.

Contract and Purpose Statement

Every contract has three parts...

;	long-name?	:	string	→	boolean
	<hr/>		<hr/>		<hr/>
	function name		domain		range

;	Check if a name is longer than 20 characters
	<hr/>
	what does the function do?

Examples

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

(EXAMPLE (	long-name?	"John Joseph Jingleheimer Schmidt")
	<hr/>	<hr/>
	function name	input(s)

(	>	(string=? "John Joseph Jingleheimer Schmidt")	10))
		<hr/>		
		what the function produces		

(EXAMPLE (	long-name?	"Joe Jones" )	(	>	(string=? "Joe Jones")	10))
	<hr/>	<hr/>			<hr/>		
	function name	input(s)			what the function produces		

Definition

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

(define (	long?	name)
	<hr/>	<hr/>	
	function name	variables	

(	<	name	20))
		<hr/>		
		what the function does with those variables		