

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
	_____		_____		_____
	function name		domain		range

;	Check if a name is longer than 20 characters

	what does the function do?

Examples

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

(EXAMPLE (	long-name?	"John Joseph Jingleheimer Schmidt")
	_____	_____
	function name	input(s)

(	>	(string=?	"John Joseph Jingleheimer Schmidt")	10))

			what the function produces		

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

Definition

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

(define (	long?	name)
	_____	_____	
	function name	variables	

(	<	name	20))

			what the function does with those variables	