

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?

long-name?

string

string

→

→

boolean

boolean

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" )

What is given?

What is the function supposed to do?

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

What does the function produce?

(EXAMPLE( long-name? "Joe Jones" ) (> (string=? "Joe Jones") 10) )

function name

input(s)

what the function produces

Definition

Use the definition, place variable names in all your input values...

(define( long? name )

What does name

variable

(< name 20)

What does function do with these variables