

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?

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

What do I expect to get back?

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

function name

input(s)

what the function produces

Definition

Use the definition, plug in variable names to fill your input values...

(define(long? name)

What does name

variable

(< name 20)

What do I expect to get back with these variables