

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

person's name

name

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")

person's name

name

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

what does the function produce?

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

person's name

name()

what does the function produce?

Definition

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

define(long? name)

person's name

variable

(< name 20)

what does the function do with these variables?