

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

precondition

postcondition

;

Check if a name is longer than 20 characters

when does the function fail?

Examples

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

(EXAMPLE(long-name? "John Joseph Jingleheimer Schmidt")

precondition

postcondition

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

when does the function fail?

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

precondition

postcondition

when does the function fail?

Definition

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

(define(long? name)

precondition

postcondition

(< name 20)

when does the function fail with these variables?