

Check for Mistakes in this Word Problem: equal-length?

Directions: Write a function that takes in two strings and returns true if their lengths are equal and false otherwise.

Contract and Purpose Statement

Every contract has three parts...

; equal-length? : 

string string

-->

boolean

function name

domain

range

; Given two strings, check if they are the same length

What does the function do?

Examples

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

(EXAMPLE (equal-length? ('yes' 'no') )

function name

input(s)

(= (string-length 'yes') (string-length 'no'))

)

(EXAMPLE (equal-length? ('dog' 'cat') )

function name

input(s)

(= (string-length 'dog') (string-length 'cat'))

)

What does the function produce?

Definition

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

(define (equal-length? string1 string2 )

function name

variable(s)

(= string1 string2)

)

What do function does with these variables?