

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 nameargumentsreturn type

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

description of function body

Examples

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

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

function nameargumentsreturn type

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

value of function body

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

function nameargumentsreturn type

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

value of function body

Definition

Write a definition, give variable names to all your helper values...

(define (equal-length? string1 string2 )

function namearguments

(= string1 string2)

value of function body with these variables