

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
functionname 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"))
functionname input (s)
(= (string-length "yes") (string-length "no")))
what the function produces
(EXAMPLE(equal-length? ("dog" "cat"))
functionname input (s)
(= (string-length "dog") (string-length "cat")))
what the function produces

Definition

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

(define(equal-length? string1 string2)
functionname variables
(= string1 string2)
what the function does with those variables