

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"))

what the function produces

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

function name *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)

function name *variables*

(= string1 string2)

what the function does with those variables