

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