

Word Problem: line-length

Directions: Write a function called "line-length", which takes in two numbers and returns the "positive difference" between them. It should always subtract the smaller number from the bigger one, and if they are equal it should return zero.

Contract and Purpose Statement

Every contract has three parts...

1

function name

:

domain

→

range

2

What does the function do?

Examples

Write some examples, show inputs and what they change to...

(EXAMPLE( line-length 10 5 ) (+ 10 5 ) )

function name

input(s)

what the function produces

(EXAMPLE( line-length 2 8 ) (+ 8 2 ) )

function name

input(s)

what the function produces

Definition

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

(define( ) )

function name

variables

(cond

{

}

{

}

)