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. If they are equal, it should return zero.

Contract and Purpose Statement

Every contract has three parts...

\# _____ :: _____ -> _____
     function name   *domain*   *range*

\# _____
                  what does the function do?

Examples

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

examples:

    line-length (10, 5   ) **is** 10 - 5 _____
      function name   *input(s)*   *what the function produces*

    line-length (2, 8   ) **is** 8 - 2 _____
      function name   *input(s)*   *what the function produces*

end

Definition

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

fun _____ (_____):
      function name   *variable(s)*

  ask:

  | _____ **then:** _____

  | otherwise: _____

  end

end