Word Problem: average

 Directions : To find the average of two numbers, they should be added together and divided by two. Define a function which takes in two numbers and produces their average.

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:

_____ (_____) **is** _____
  function name   *input(s)*   *what the function produces*

_____ (_____) **is** _____
  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)*

_____
           what the function does with those variable(s)

end