The Design Recipe

Word Problem:

Contract & Purpose Statement

Every Contract has 3 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 the variable(s)

end