The Design Recipe

Directions : Write a function `split-tab` that takes in a cost and the number of people sharing the bill and splits the cost equally.

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

Directions : Write a function `num-cube` that takes in a number and returns the cube of that number.

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