

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