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…

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

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

Definition

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

(define (_____ _____)
function name *variable(s)*

_____)
what the function does with those variable(s)

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…

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

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

Definition

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

(define (_____ _____)
function name *variable(s)*

_____)
what the function does with those variable(s)