

Design Recipe

Word Problem: *update-danger*

Use the Design Recipe to write a function *update-danger*, which takes in the danger's x-coordinate and produces the next x-coordinate, which is 50 pixels to the left.

I. Contract+Purpose Statement

Every contract has three parts:

;
_____ : _____ -> _____
name Domain Range

;

What does the function do?

II. Give Examples

On the computer, write an example of your function in action, using EXAMPLE.

(EXAMPLE (_____)
Use the function here

find another way to get the same result here

(EXAMPLE (_____)
Use the function here...

find another way to get the same result here

III. Definition

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

(define (_____)
function name variable names

.....and the computer does this