

Design Recipe

Word Problem: safe-left?

Use the Design Recipe to write a function `safe-left?`, which takes in an x-coordinate and checks to see if it is greater than -50.

I. Contract+Purpose Statement

Every contract has three parts:

$$; \text{ name} : \text{ Domain} \rightarrow \text{Range}$$

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