

Check for Mistakes in this Word Problem: offscreen?

Directions: Write a function, offscreen?, which returns true if Sam the butterfly's x-coordinate is less than -50 or greater than 690.

Contract and Purpose Statement

Every contract has three parts...

;

offscreen?

number

→

boolean

pre-condition

post-condition

temp

;

Given an x-coordinate, returns true if the coordinate is less than -50

when does the function fail?

Examples

Write some examples, then circle and label what changes...

(EXAMPLE( offscreen? 60 ) (true) )

pre-condition

temp

what the function produces

(EXAMPLE( offscreen? 800 ) (false) )

pre-condition

temp

what the function produces

Definition

After the definition, give variable names to all your input values...

(define( off-screen x-coord )

pre-condition

temp

(and (< x-coord -50) (> x-coord 690))

what the function does with these variables

)