

Word Problem: is-collision

Directions: Write a function "is-collision", which takes FOUR inputs:

- *px: The x-coordinate of the player*
- *py: The y-coordinate of the player*
- *cx: the x-coordinate of another game character*
- *cy: the y-coordinate of another game character*

Are the coordinates of the player within 50 pixels of the coordinates of the other character?

Contract and Purpose Statement

Every contract has three parts...

_____ : : _____ -> _____
functionname domain range

what does the function do?

Examples

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

examples:

_____ (_____) is
functionname input (s)

what the function produces

_____ (_____) is
functionname input (s)

what the function produces

end

Definition

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

fun _____ (_____) :
functionname variables

what the function does with those variables

end