

Word Problem: collide?

Directions: Write a function *collide?*, 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

It should return *true* if the coordinates of the player are within 50 pixels of the coordinates of the other character. Otherwise, *false*.

Contract and Purpose Statement

Every contract has three parts ...

; _____ :

→

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Examples

Write some examples of your function in action...

(EXAMPLE (_____)
_____))

(EXAMPLE (_____)
_____))

Definition

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

(define (_____)
_____))