collide? (word problem)

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C O D E
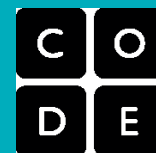
Description: Write a function 'collide?', which takes four inputs:
- px: The x-coordinate of the player
- py: The y-coordinate of the player
- cx: The x-coordinate of another game character
- cy: The y-coordinate of another game character

Is the player's x and y within 100 pixels of the other character's x and y

Contract and Purpose Statement

Every contract has three parts...

_____ : _____ -> _____
    function name   domain   range

_____
what does the function do?

Examples

Write some examples for your function in action...

Example: _____ (_____) = _____
           function name   input(s)   what the function produces

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           function name   input(s)   what the function produces

Definition

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

Define: _____ (_____) =
         function name   variables

_____
what the function does with those variables