

Word Problem: distance

Directions: Write a function "distance", 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 the distance between the two, using the Distance formula. (HINT: look at what you did on the previous page!)

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:

functionname (input [s]) is
what the function produces

functionname (input [s]) is
what the function produces

Definition

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

fun functionname (variables) :
what the function does with those variables

end