

Intro to CS - Problem 3.5 Rubric

Problem Description: Build a world containing a person who can calculate the hypotenuse given two side measurements of a right triangle. Once the two side measurements are given, draw a triangle with the exact measurements for all three. **** taken from Alice in Action with Java by Joel Adams

Problem # 3.5	Possible Points
File Saved Correctly Alice3_5LastName.a2w and uploaded to your Google Site	10
An object has been added to the world that will inform the user that it can draw a right triangle given the measurements of two sides.	10
Object.calcHypotenuse() has been created and asks the user for the two variables, side 1 and side 2 in meters.	10
Within the calcHypotenuse() method, the object then repeats what the user entered for the two sides. They must say "side 1 is " + side1 + "meters" and "side 2 is " + side2 + "meters"	10
Within the calcHypotenuse() method, create an hypotenuse variable and calculate this by using the World Math Functions.	30
The object tells the user the answer: "The hypotenuse calculates is : " + hypotenuse + "meters"	10
Yourname.playCredits () method has been called in my first method and works properly.	10
All methods are called in the World.myFirstMethod() Object.calcHypotenuse() YourName.playCredits()	10

Total Possible: 100

All work is due by the due date! No exceptions! Any additional animations may be added as extra credit with a maximum of 10% per assignment.