Assignment #1 TRIANGLES

https://www.triangle-calculator.com/?what=vc

ASSIGN 1		RUBRIC	DESCRIPTION	
3	/	3	The 3 distances are the correctly computed and stated to the user via the main program.	3
3	/	3	The area of the triangle is correct and stated to the user via the main program.	3
1	/	1	A special case of a single point is correctly considered.	1
1	/	1	A special case of a line is correctly considered.	1
3	/	3	State whether or not the triangle is a right angle triangle. Real number comparisons are done with the technique, ***if (abs(x-y) < 0.0001)*** instead of if (x == y)	3
3	/	3	The 3 angles are correctly computed and stated in degrees by the main program	3
2	/	2	The code contains the following functions. Functions use their parameters for input and DO NOT rely on global variables. Functions DO NOT use the print statement, but instead return information via their return statement as a string or as a numeric. ALL PARAMETERS are FLOAT values. distance (…)	2
2	/	2	area (…)	2
2	/	2	angle (…)	2
2	/	2	isRightAngled(…)	2
2	/	2	formatting an ordered pair (x, y) This function has at most 2 parameters and returns a string which looks like this (1.5, 1.0)	2
3	/	3	The main function is identified via a comment and has adequate commenting throughout it. The main program is located last in the *.py file.	3
5	/	5	Each function has the following header comments # Desc of what the function does # Given: # Returns:	5
2	/	2	The program has the following identification, stated at the very top of the *.py file Title: Triangles Author: First and lastname of the student and student number Desc: A brief description of what the program does	2

6	/	6	Test Runs There is at least one test run for each possible case that may arise for the given problem. The test run images a neatly formatted. (in this case there should be at least 3 test runs)	6
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40	/	**40**	**Sub total**	
6	/	**6**	**Assignment 1**	