

Program

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Problem: Determine the length of the hypotenuse of a right triangle given the lengths of the other two sides.

Input: Two floating point numbers, one for each known side of the triangle (a, b).

Output: Print the input data with message that identifies each number (echo input). Print length of the hypotenuse with an identifying message. All numbers are printed to four decimal places.

Note: The Pythagorean Theorem states that the square of the hypotenuse of the right triangle is equal to sum of squares of other two sides.

Note2: Function sqrt calculates square root, requires `#include <math.h>`

