Experiment 01 - Exercise 05: Hypotenuse (Pythagoras Theorem)

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Objective

Compute the hypotenuse length c of a right triangle using:

$$c = \sqrt{a^2 + b^2}$$

Input

Two non-negative real numbers a and b.

Output

The computed hypotenuse c.

Approach

Read a and b, then compute c using `sqrt(a*a + b*b)`.

Time Complexity

`O(1)`.