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1  #Basic Data Types Challenge 4: Right Triangle Solver App
2  import math
3
4  print("Welcome to the Right Triangle Solver App")
5
6  #Get user input
7  side_a = float(input("\nWhat is the first leg of the triangle: "))
8  side_b = float(input("What is the second leg of the triangle: "))
9
10 #Calculations
11 side_c = math.sqrt(side_a**2 + side_b**2)
12 side_c = round(side_c, 3)
13
14 area = 0.5*side_a*side_b
15 area = round(area, 3)
16
17 #Summary
18 print("\nFor a triangle with legs of " + str(side_a) + " and " + str(side_b) + "
19 the hypotenuse is " + str(side_c) + ".")
20 print("For a triangle with legs of " + str(side_a) + " and " + str(side_b) + "
21 the area is " + str(area) + ".")

```