DATE 4 No. 23

Adjusty 11:0 Write a Python Program that accepts the length of these bloks of a tolorghes as infrade. The Program to the tolorghe is a right angled tolorghe (Use Pythogoscam theorem). Also find out its area using theran's formula.

def is sight tolorgle (a,b,c): # dieck if it's a sight angled tolongle using Pythogorous

Sides = [a,b,c] Doles. Sox4 () 1 blook [0] * * 2+ blook [1] * * 2 == 81 des [2] * * 2

else: fromt ("It's a right-angled triangle.")
else: fromt ("It's mot a right-angled triangle") de calculate-avea (a, b, c):

calculate the area using theron's formula S= (a+b+c)/2

area = (b* (b-a)* (b-b) * (b-c)**0.5

frint ("Area of the tolongle:, area)

get brout from the like o

side = = float limber ("Enter the length of state a;"))

Side - b = flood (input ("Ender the length of side 61"))
8id - c = flood (input ("Ender the length of side c1"))

(alculate and Kolont the area

calculate - asea (side-a, side-b, side-c)

Enter the length of side a: 5 Enter the length of side b: 12 Enter the length of side b: 13 It's a right angled triangle Area of the triangle: 30.0