frame=single, breaklines=true, columns=fullflexible
remark
*Res
frame=single, breaklines=true, columns=fullflexible

3-3.2-26

AI24BTECH11006 - Bugada Roopansha

Question:
Construct a right triangle when one side is 3.5 cm, the sum of the other side and the hypotenuse is 5.5 cm.

Solution:
For $a = 3.5\,$cm, $\angle B = 90°$, and $b + c = 5.5\,$cm, we can find the lengths of sides b and c to complete the triangle. The plot below illustrates the right triangle constructed based on these parameters.
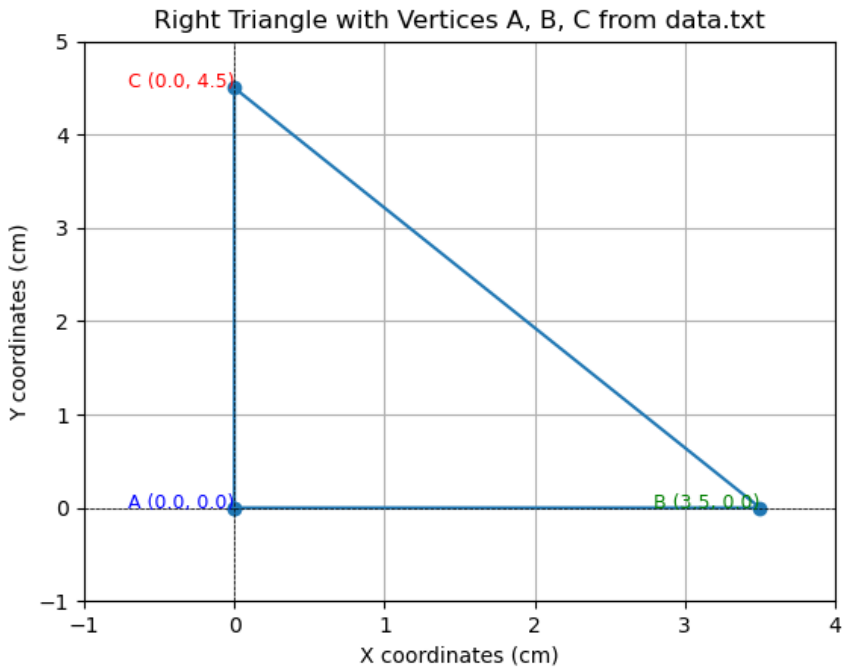
Fig. 0. Right triangle with one side of 3.5 cm and the sum of the other side and hypotenuse equal to 5.5 cm.