Assignment 1

Download all python codes from
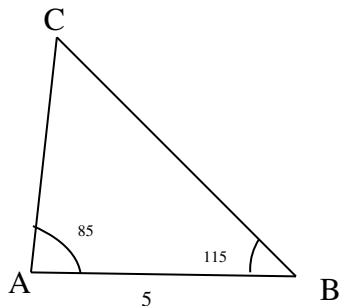
and latex-tikz codes from

1 CONSTR-2.27 PART1

Construct a triangle: ∠A = 85 ° ,∠B = 115 ° and AB = 5.

2 EXAPLANATION

The above mentioned triangle cannot be formed. As if we do addition of both angles ∠A and ∠B

$$85°+115° = 200°$$

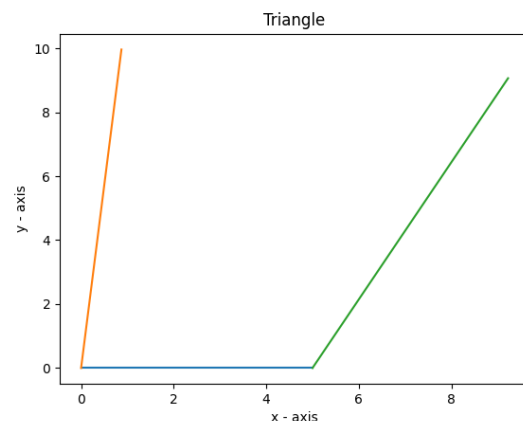But according to the theorem sum of all angles of triangle $=180°$ so here, 200° > 180° Hence triangle cannot be formed.

Fig. 0: Constructed a triangle using python