

Assignment 1

Download all python codes from

<https://github.com/sachinomdubey/Matrix-theory/codes>

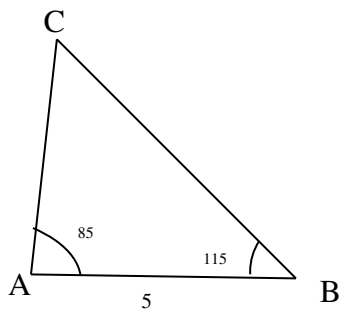
and latex-tikz codes from

<https://github.com/sachinomdubey/Matrix-theory>

1 CONSTR-2.27 PART1

Construct a triangle: $\angle A = 85^\circ$, $\angle B = 115^\circ$ and $AB = 5$.

2 EXAPLANATION



The above mentioned triangle cannot be formed.
As if we do addition of both angles $\angle A$ and $\angle B$
 $85^\circ + 115^\circ = 200^\circ$

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