

Assignment 1

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Download all python codes from

<https://github.com/ponnaboinakalpana12/ASSIGNMNT/Assignment1.py>

and latex-tikz codes from

<https://github.com/ponnaboinakalpana12/ASSIGNMNT/main.tex>

1 QUESTION No.2.15

Construct $\triangle DEF$ such that $DE=5, DF=3$ and $\angle D = 90^\circ$

2 SOLUTION:

let the vertices of $\triangle DEF$ and be

$$\mathbf{E} = \begin{pmatrix} 0 \\ 5 \end{pmatrix}, \mathbf{D} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}, \mathbf{F} = \begin{pmatrix} 3 \\ 0 \end{pmatrix} \quad (2.0.1)$$

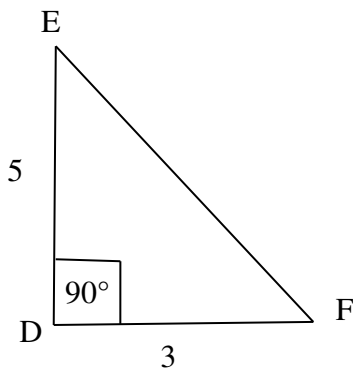


Fig. $\triangle DEF$