

# Assignment No.1

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Download all python codes from

[https://github.com/ka-raja-babu/Matrix-Theory/  
tree/main/Assignment1/Codes](https://github.com/ka-raja-babu/Matrix-Theory/tree/main/Assignment1/Codes)

and latex-tikz codes from

[https://github.com/ka-raja-babu/Matrix-Theory/  
tree/main/Assignment1](https://github.com/ka-raja-babu/Matrix-Theory/tree/main/Assignment1)

## 1 QUESTION No.11

Draw the graphs of the equations:  $4x - y - 8 = 0$  and  $2x - 3y + 6 = 0$  Also determine the vertices of the triangle formed by the lines and the  $x$  -  $axis$ .

## 2 QUESTION No.15

Construct a triangle ABC in which  $BC = 7$  cm,  $\angle A = 60^\circ$  and altitude  $AD = 5$  cm. Write steps of construction also.