

## Pre-lab 8

1. Write a subroutine that constructs and evaluates a line that goes through the points  $(x_0, f(x_0))$  and  $(x_1, f(x_1))$  at a point  $\alpha$ .

### Github link:

<https://github.com/pach2648/APPM4600/blob/main/Labs/Lab%208/Pre%20lab%208/PreLab8.py>

I use an example at points (1,2) and (3,4) at  $\alpha = 2.5$

