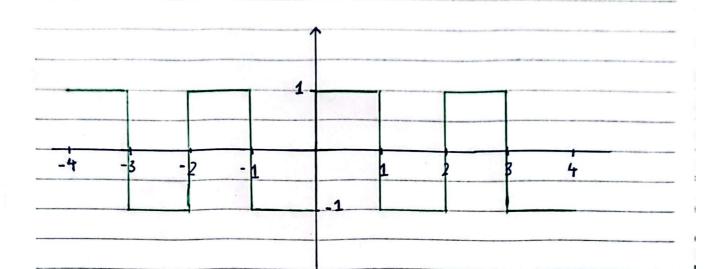
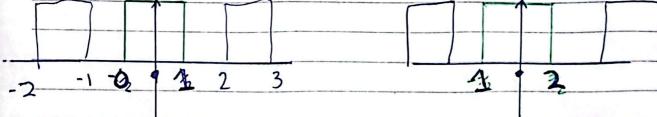
## Assignment 6

Problem 1:



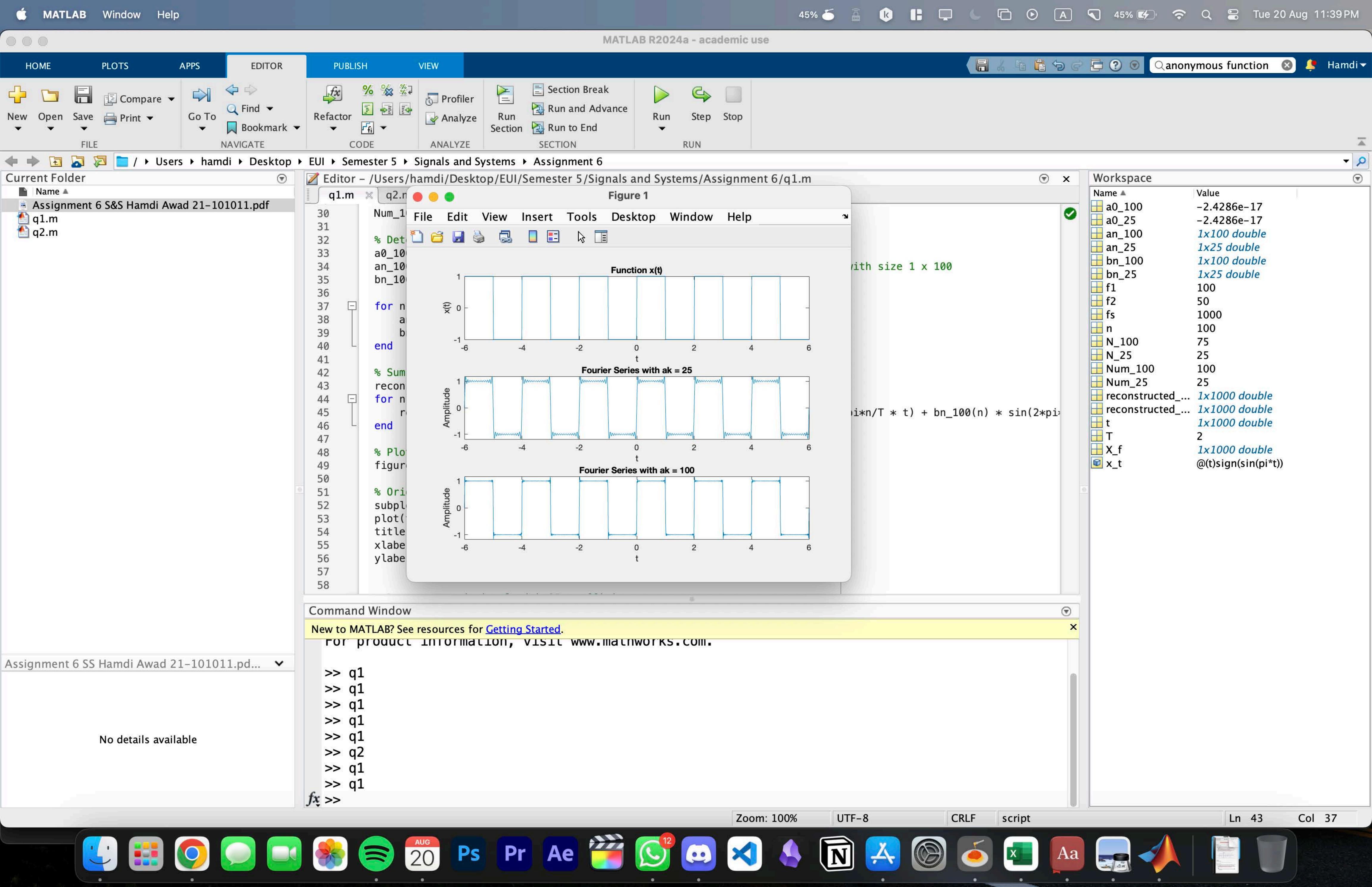
CK
Top Part of Signal
Bottom part of Signal

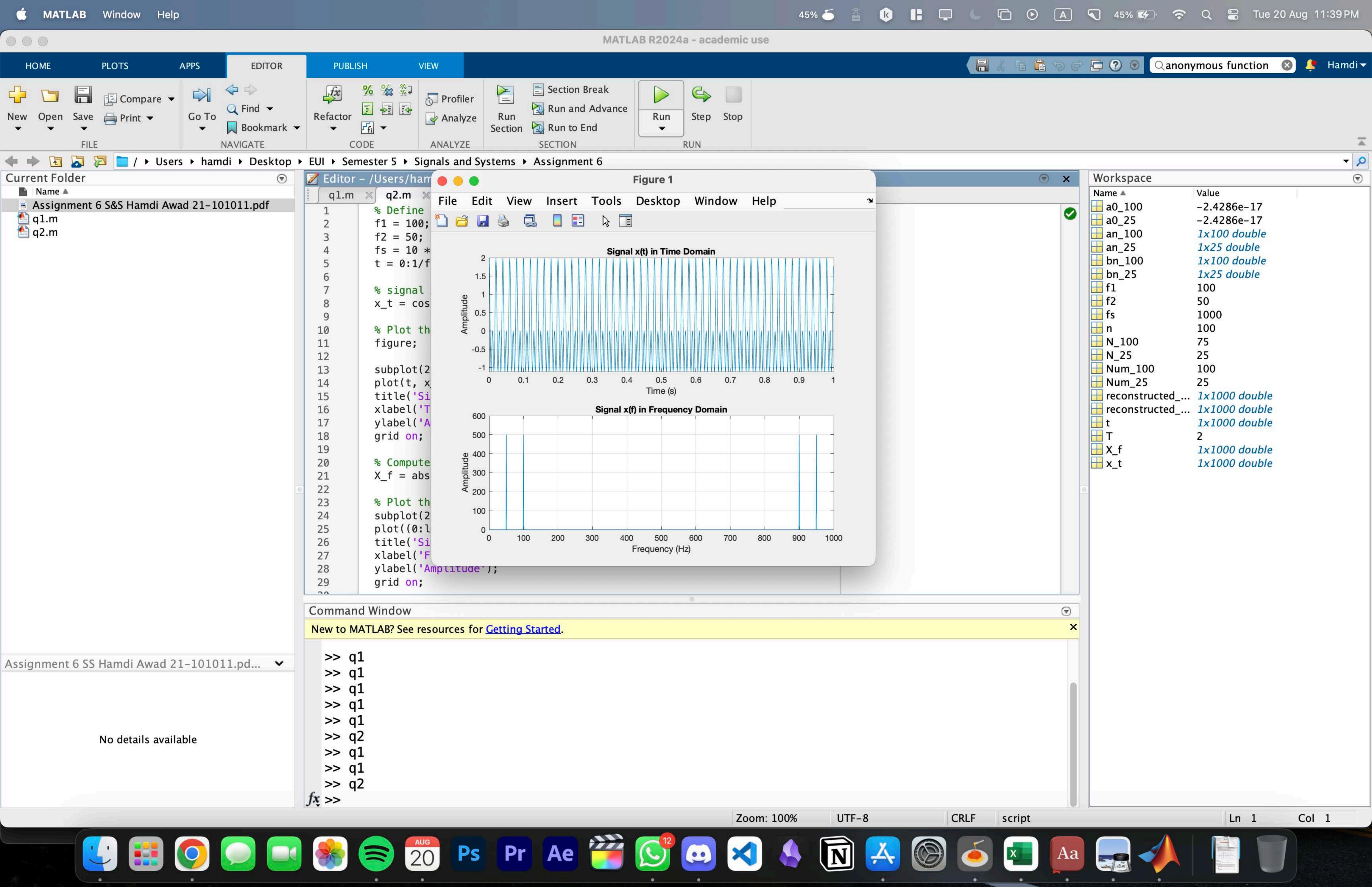


Shift by 1.5 to left Shift by 3/2 to left

 $T_{1} = \frac{1}{2}$  T = 2  $w_{0} = \frac{2\pi}{2} = \pi$ 

General Form ; k=0 50 (-jkr. =) 2 \* 0.5/2 ; K=0 k\*1 \*) 2\*0.5 ; K=0 ₹ jxx·33\*(-1 ax = Cx + dx 2 \* 0.5 V + 2 \* 0.5 V / W= 1 3 K=0 25in (KT \* 0.5) (E- JKT 2 - JKT 2 (4-; k = 0





Problem 1 c :.

when ak increases the number of Coefficients increase therefore the graph illustration will be more sporth Smooth as there is more points.



? I walded