

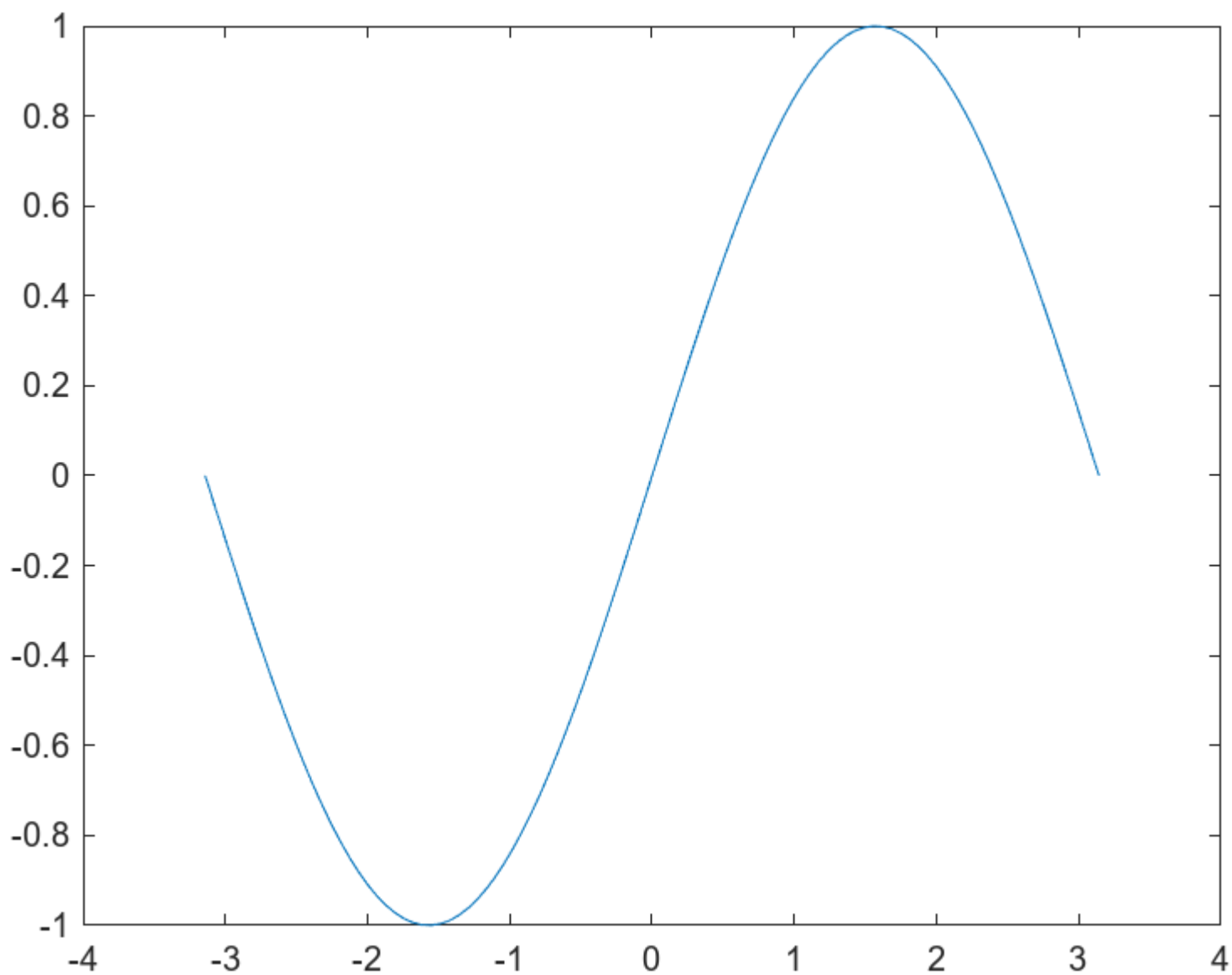
Task 1

please convert this to pdf for submission

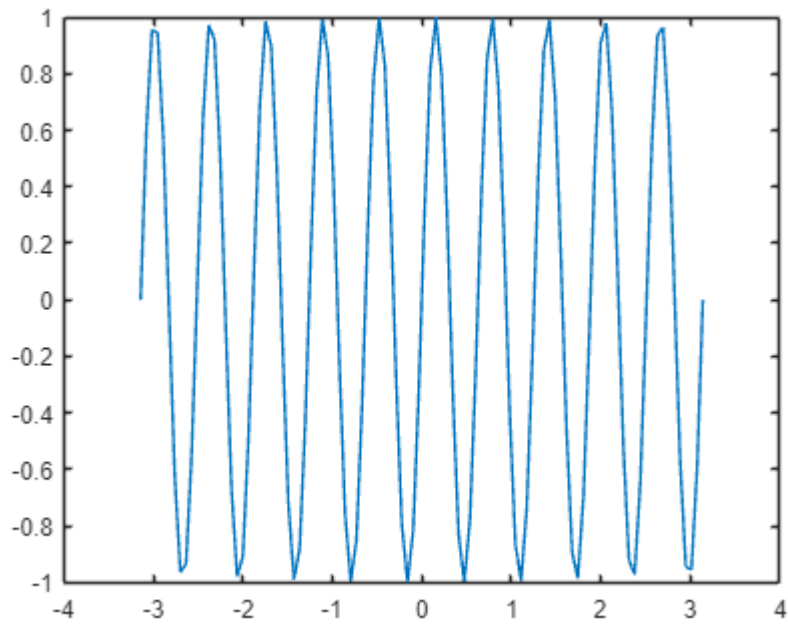
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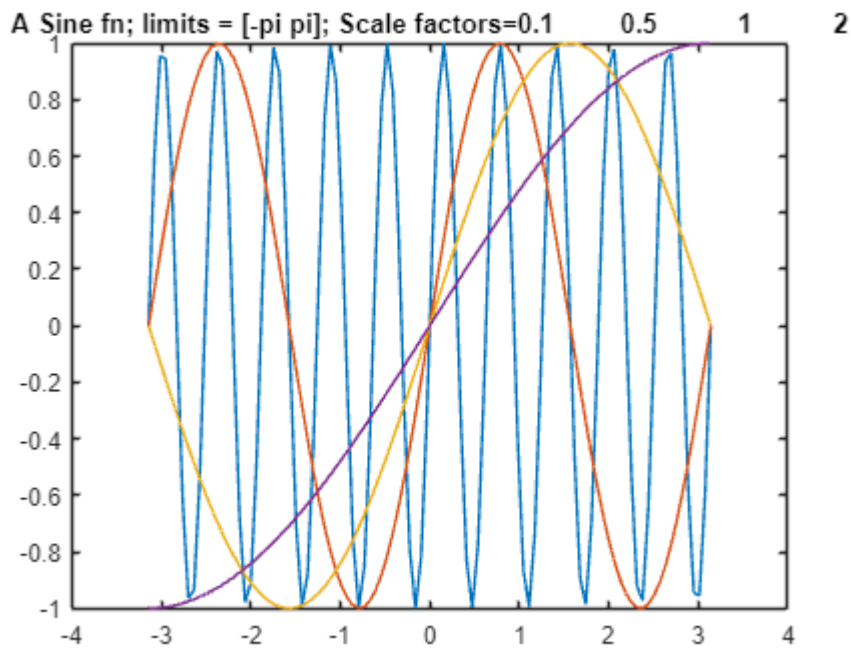
(i) (e) $y = \sin(x)$ plot [1]



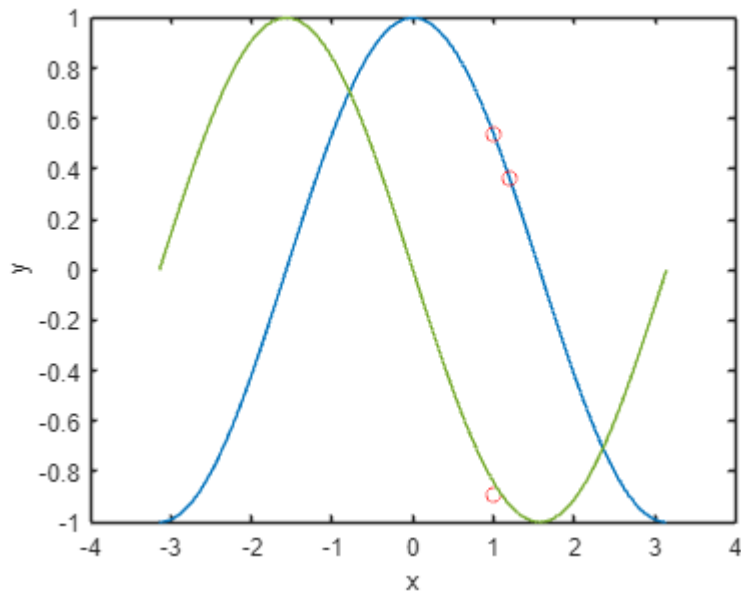
(ii) (e) $y = \sin_scale(x, sf)$ plot [1]



(ii) (e) $y = \sin$ array plot [3]



Numerical Differentiation $y=\cos(x)$ plot [3]



Numerical Intergration (a) $\int_{-3}^3 \sin(x) dx$ [3]

Numerical Intergration (b) compare [3]

Comp Trap (c) $1/x$ for 5,50,100 [4]

Comp Trap (d) compare [1]

Comp Trap (e) to tolerance [3]

Simpsons (b) $1/x$ for 5,50,100 [4]

Simpsons (c) compare [1]

Simpsons (d) to tolerance [3]