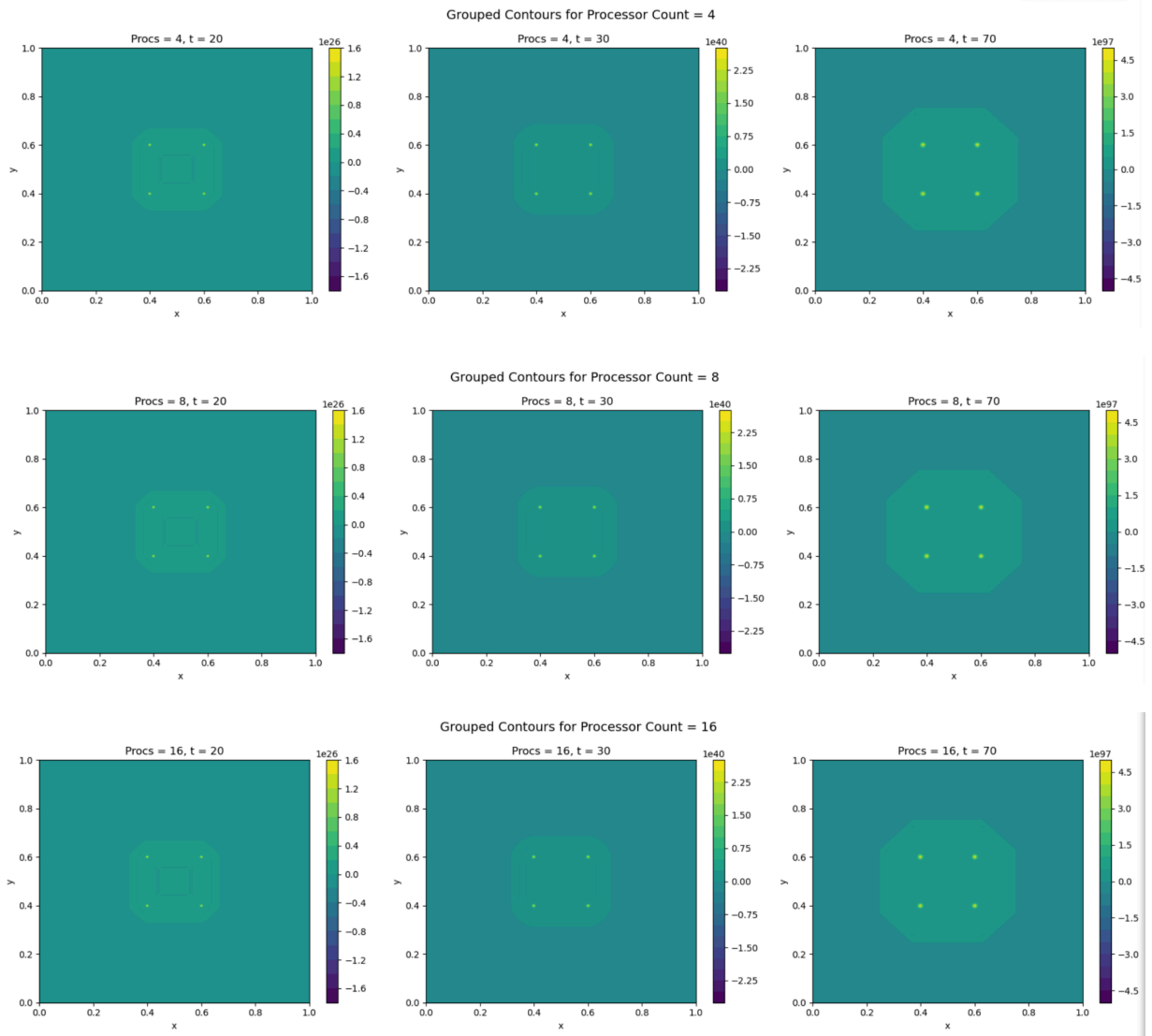
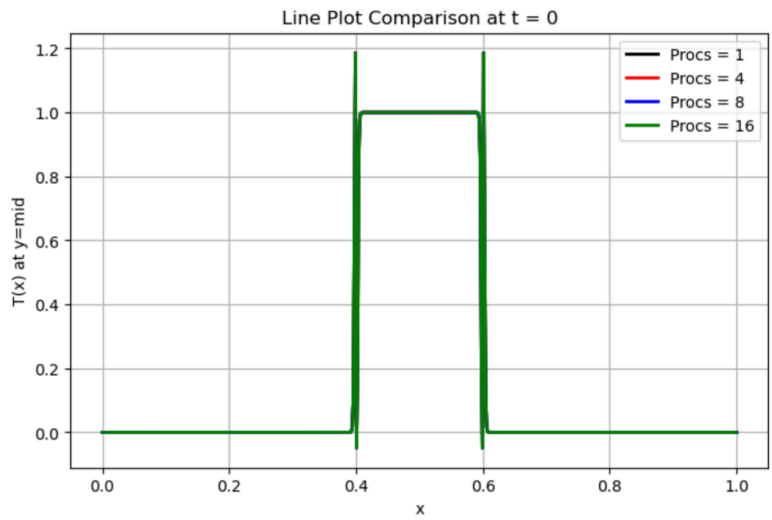


M5470 : Introduction to Parallel Scientific Computing
Dheeraj M
EE21BTECH11015
Homework 5

Q1
a)





B)

Timestep 80 | Procs = 4
Max Abs Error : 0.000e+00
Mean Abs Error : 0.000e+00
Max Rel Error : 0.000e+00
Mean Rel Error : 0.000e+00

Top 5 Differences (x, y, T_serial, T_parallel, Δ):

1.000000	1.000000	0.000000e+00	vs 0.000000e+00	$\Delta = 0.000e+00$
0.333890	0.003339	0.000000e+00	vs 0.000000e+00	$\Delta = 0.000e+00$
0.332220	0.991653	0.000000e+00	vs 0.000000e+00	$\Delta = 0.000e+00$
0.332220	0.993322	0.000000e+00	vs 0.000000e+00	$\Delta = 0.000e+00$
0.332220	0.994992	0.000000e+00	vs 0.000000e+00	$\Delta = 0.000e+00$