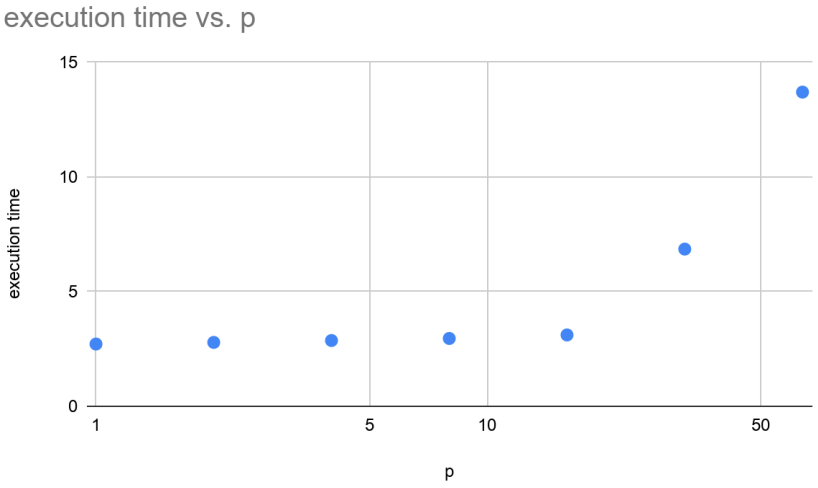
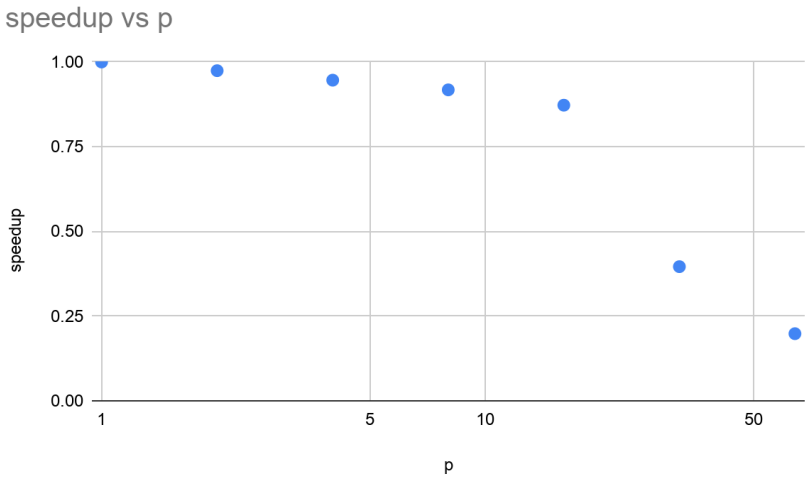
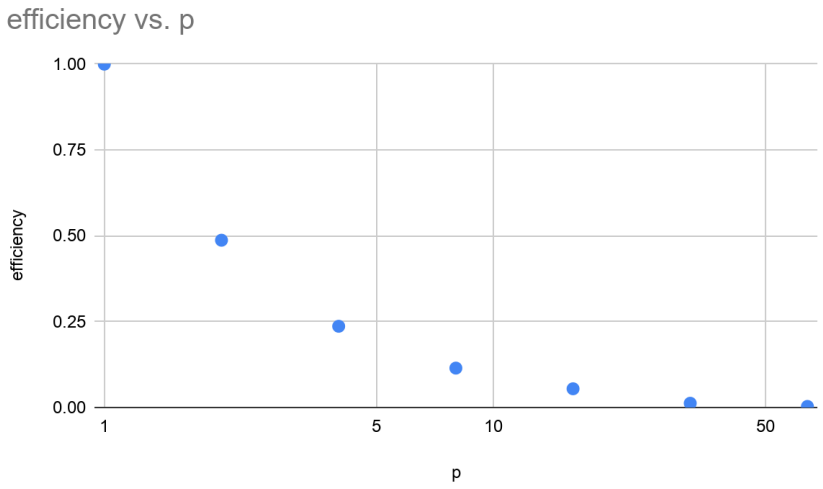
Sawyer Cowan
CSCE 435

Homework 5 - Results
(Problem 2 and 3)

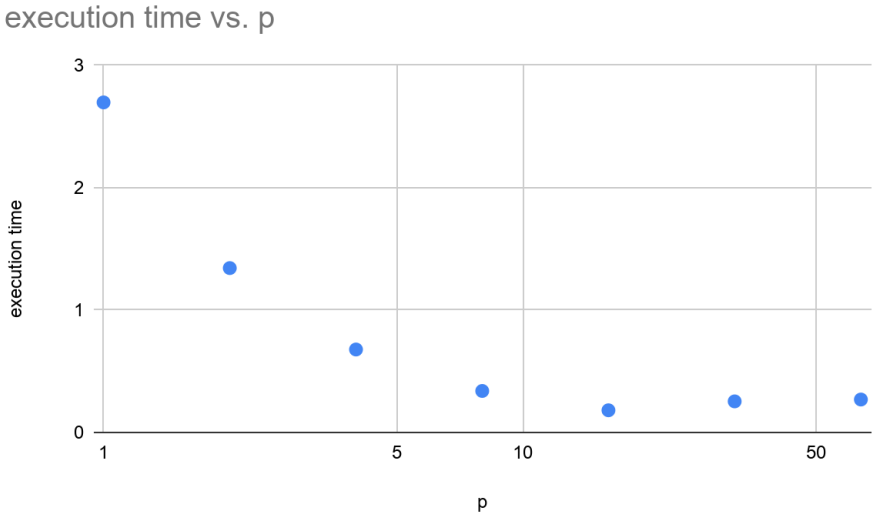
p	execution time	speedup	efficiency
1	2.697093	1	1
2	1.343346	2.007742607	1.003871303
4	0.678009	3.97796047	0.9944901174
8	0.339184	7.951710576	0.993963822
16	0.181344	14.87279976	0.9295499851
32	0.254061	10.61592688	0.3317477151
64	0.269201	10.0188818	0.1565450282

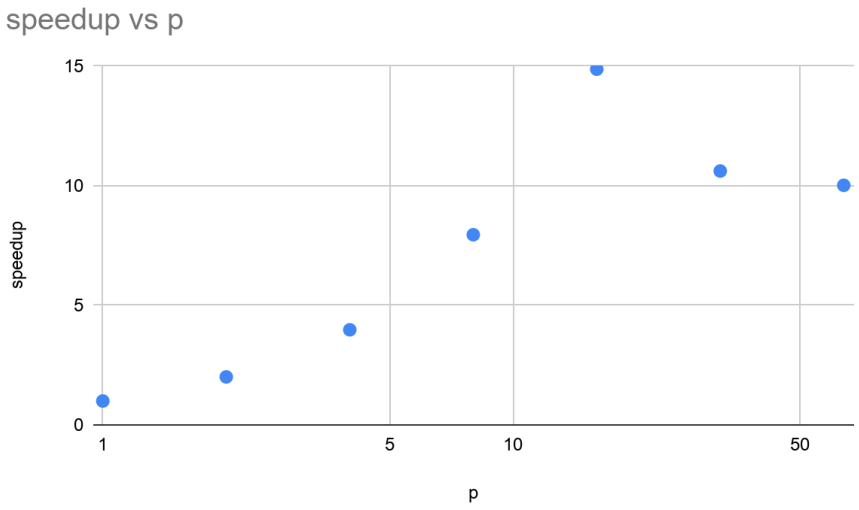


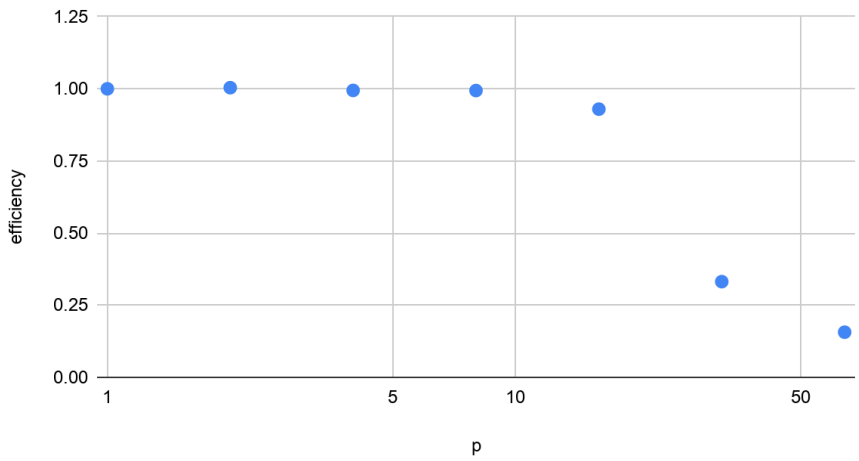




p	n	execution time	speedup	efficiency
1	20480000	2.697093	1	1
2	10240000	1.343346	2.007742607	1.003871303
4	5120000	0.678009	3.97796047	0.9944901174
8	2560000	0.339184	7.951710576	0.993963822
16	1280000	0.181344	14.87279976	0.9295499851
32	640000	0.254061	10.61592688	0.3317477151
64	320000	0.269201	10.0188818	0.1565450282




speedup vs p
15
10
5
0
speedup
1
5
10
50
p


efficiency vs. p
1.25
1.00
0.75
0.50
0.25
0.00
efficiency
1
5
10
50
p