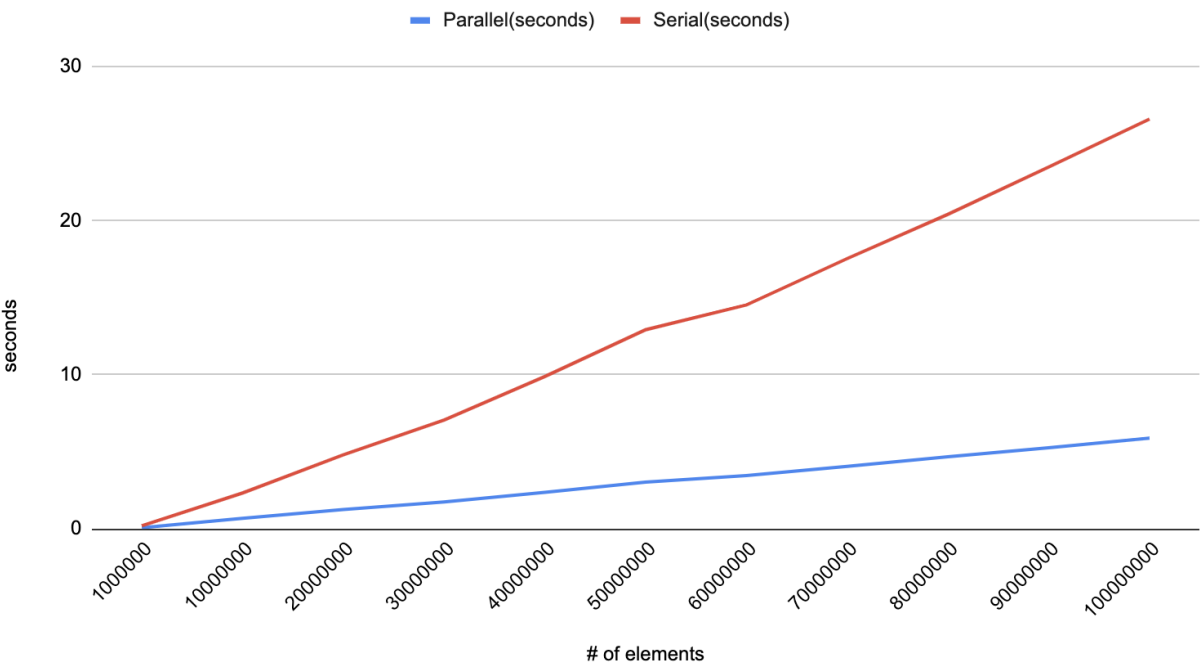


# Effectiveness

Parallel(seconds) and Serial(seconds)



# Discussion

	# of elements	Parallel(seconds)	Serial(seconds)
	1000000	0.08	0.2
	10000000	0.69	2.33
	20000000	1.26	4.8
	30000000	1.75	7.06
	40000000	2.37	9.89
	50000000	3.03	12.92
	60000000	3.46	14.53
	70000000	4.06	17.54
	80000000	4.68	20.41
	90000000	5.26	23.48
	100000000	5.89	26.59

Based on the chart and the excel screenshot, the threaded version always performs better than the serial version.