CS214 Assignment 2 results

	A	B	C	D
1	size of arra	num of prc	multi-proc	multi-threa
2	2000	8	0.0027	0.00056
3	4000	16	0.0026	0.00037
4	6000	24	0.0039	0.00047
5	8000	32	0.0055	0.00059
6	10000	40	0.0071	0.00065
7	12000	48	0.0086	0.0015
8	14000	56	0.011	0.0016
9	16000	64	0.013	0.0018
10	18000	72	0.015	0.0016
11	20000	80	0.019	0.002

This is the test data collected by running the code.
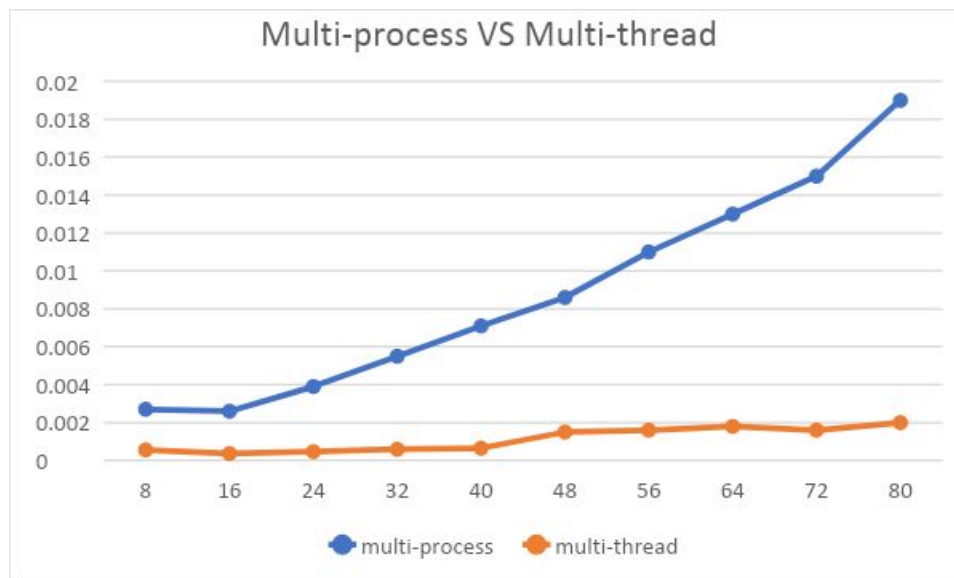
This is the graph of the relation of searching time between multi-process and multi-thread.
The x-axis represents the number of process/thread.
The y-axis represents the time needed to search for the target.