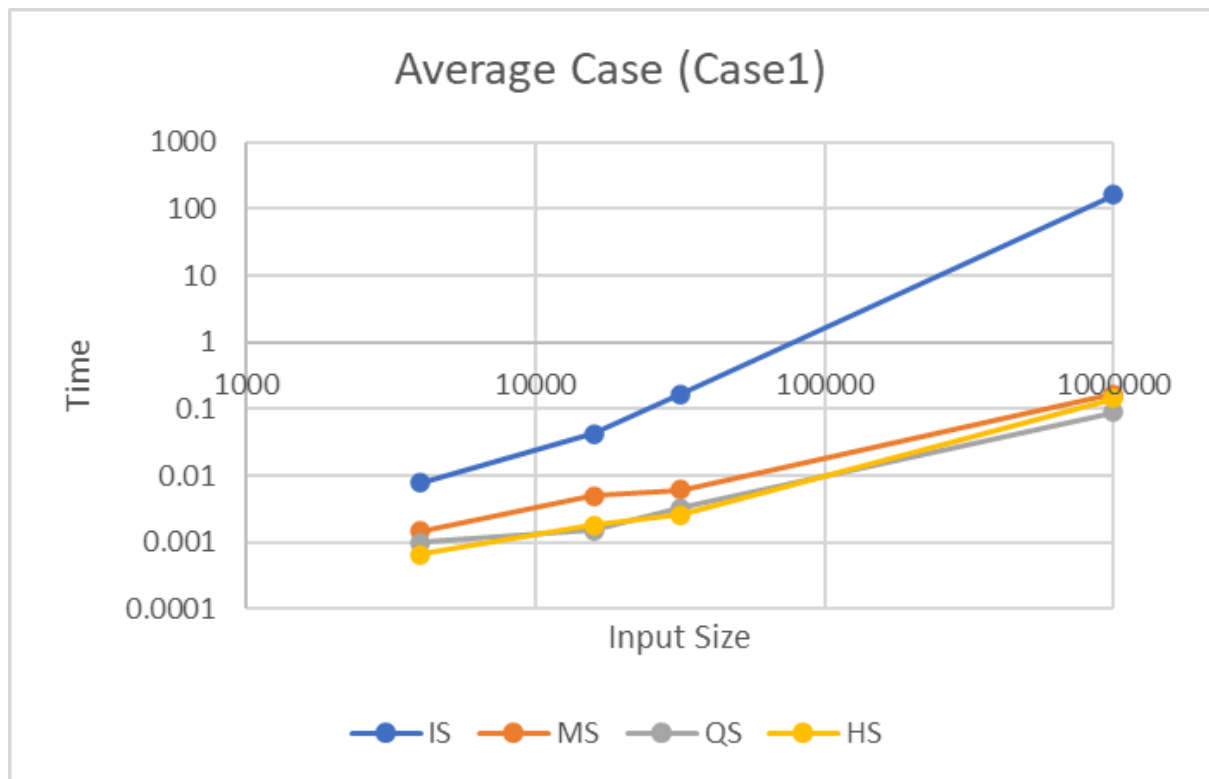
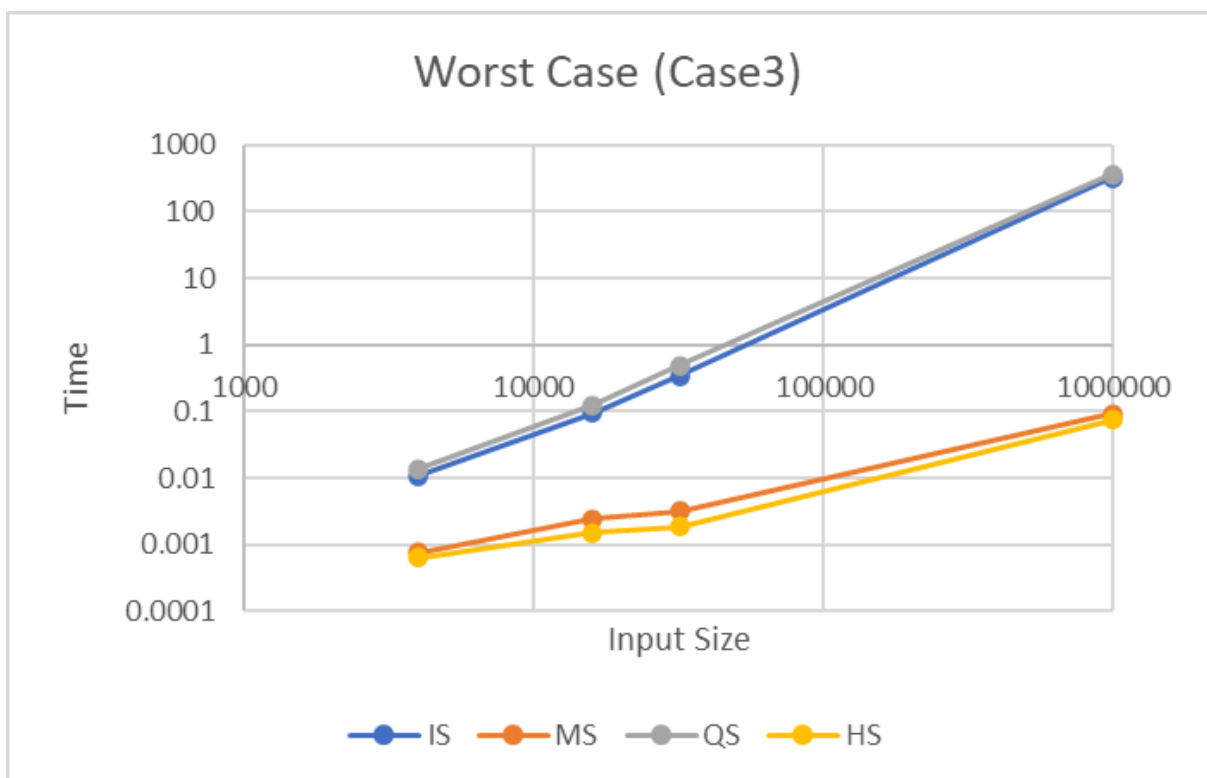
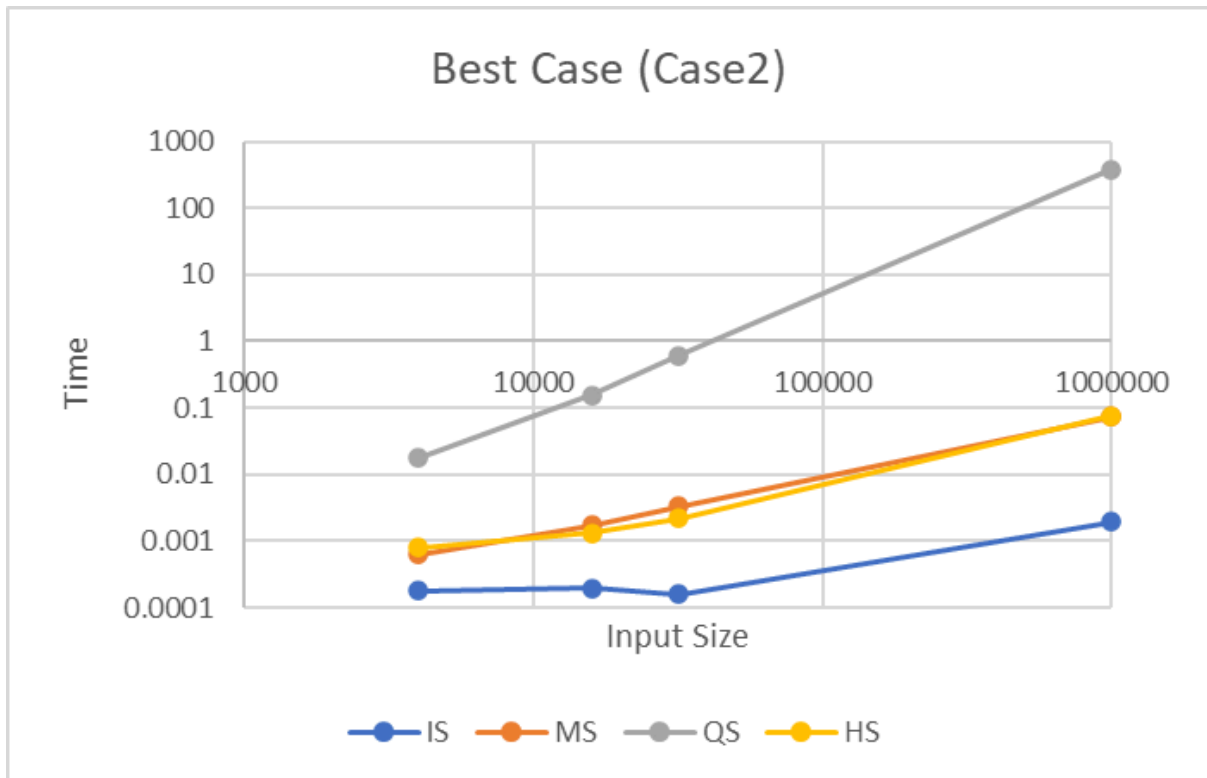


演算法PA1
b10502163 賴弋元

EDA union lab - 40056

Input size	IS		MS		QS		HS	
	CPU time (s)	Memory (KB)	CPU time (s)	Memory (KB)	CPU time (s)	Memory (KB)	CPU time (s)	Memory (KB)
4000.case2	0.000178	5904	0.000618	5904	0.017773	5968	0.000804	5904
4000.case3	0.010893	5904	0.000761	5904	0.013632	5904	0.000625	5904
4000.case1	0.007699	5904	0.001451	5904	0.001004	5904	0.000646	5904
16000.case2	0.000197	6056	0.001703	6056	0.155497	6680	0.001299	6056
16000.case3	0.093987	6056	0.002453	6056	0.124151	6312	0.001507	6056
16000.case1	0.042909	6056	0.005027	6056	0.001508	6056	0.001792	6056
32000.case2	0.000158	6188	0.003355	6188	0.608444	7476	0.002155	6188
32000.case3	0.337363	6188	0.003213	6188	0.481138	6744	0.001864	6188
32000.case1	0.166498	6188	0.006067	6188	0.003227	6188	0.002609	6188
1000000.case2	0.00194	12144	0.074212	14004	383.279	39592	0.076451	12144
1000000.case3	325.428	12144	0.092242	14004	363.975	28120	0.075028	12144
1000000.case1	163.352	12144	0.16757	14004	0.089305	12144	0.142654	12144





IS: We can find out that IS performs better than others in Best Case, but when it comes to Worst and Average Case IS doesn't perform as well as it performs in Best Case.

MS: In Best Case, MS performs worse than IS but better than QS. When it comes to Worst Case, MS performs well.

QS: QS doesn't perform well in Best Case and Worst Case. However, for Average Case, QS performs better than others.

HS: HS performs almost the same as MS. It performs well in Worst Case, at the same time, performs worse than IS but better than QS in Best case.