演算法 PA1

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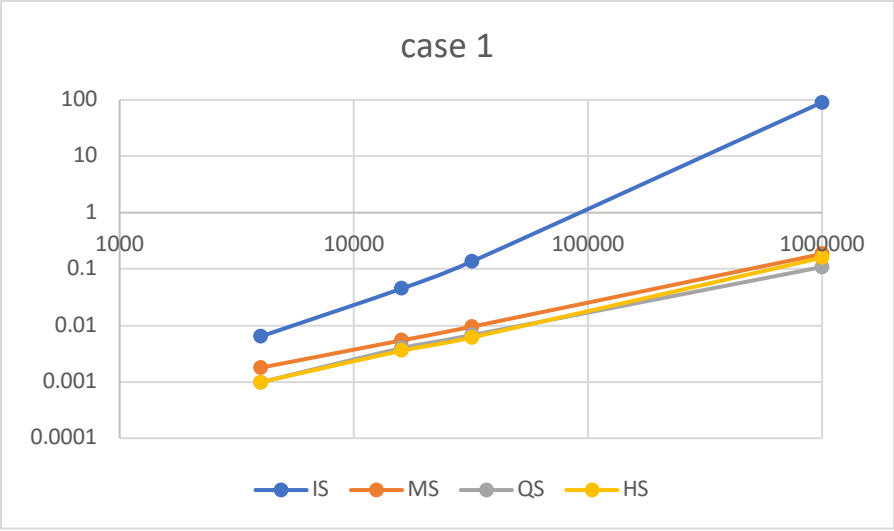
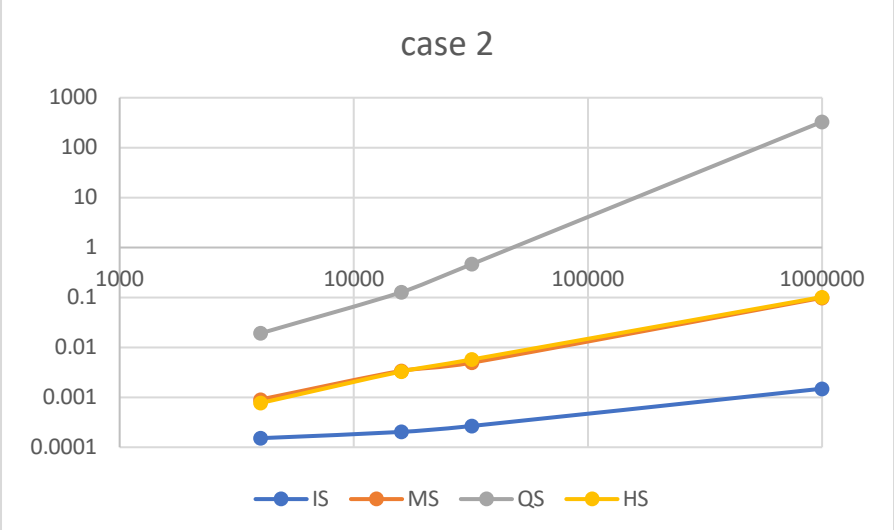
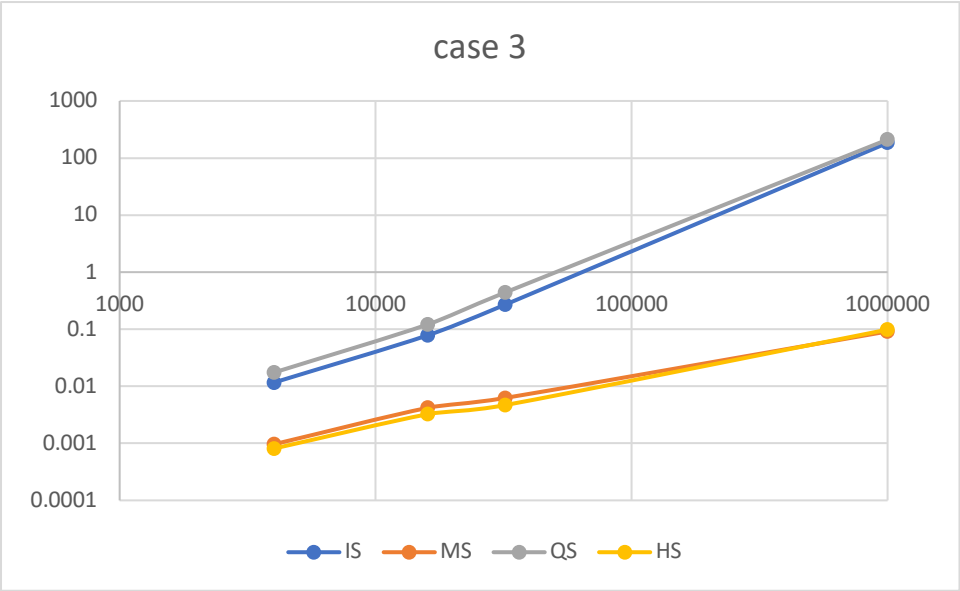
EDA union lab machines port:40062

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	0.000152	6060	0.000906	6060	0.019153	6060	0.000769	6060
4000.case3	0.011597	6060	0.000961	6060	0.017369	6060	0.000808	6060
4000.case1	0.006362	6060	0.001779	6060	0.000983	6060	0.000982	6060
16000.case2	0.000203	6212	0.003396	6212	0.127895	6312	0.003292	6212
16000.case3	0.0784	6212	0.004189	6212	0.121475	6212	0.00324	6212
16000.case1	0.045003	6212	0.005427	6212	0.003962	6212	0.003564	6212
32000.case2	0.000267	6344	0.004951	6344	0.466568	6604	0.005735	6344
32000.case3	0.268139	6344	0.006228	6344	0.438814	6372	0.004667	6344
32000.case1	0.136844	6344	0.009516	6344	0.006736	6344	0.006128	6344
1000000.case2	0.00149	12300	0.098402	14160	330.104	24012	0.102136	12300
1000000.case3	184.383	12300	0.091255	14160	210.666	15244	0.098282	12300
1000000.case1	90.292	12300	0.185339	14169	0.108647	12300	0.159521	12300







IS：For the best case, IS performs better than others. However, for the worst case and the average case, it does not perform well.

MS：For the best case, MS performs better than QS but worse than IS and roughly same as HS. For the worst case and average case, it has the best performance.

QS：For the average case, QS performs better than others. However, for the best case and worst case, it is slower than both MS and HS.

HS：For the best case, HS performs better than QS but worse than IS and roughly same as MS. For the worst case and average case, it has the best performance.