



0	0		0	0		9464	6824		55362	36120
0	0		0	0		9329	12680		47191	33594
0	0		0	0		12270	7060		52546	34336
0	0		0	0		9638	6910		49073	34964
0	0		0	0		9489	6939		50325	34243
0	0		0	0		9520	6943		48752	36790
0	0		0	0		9482	6845		48259	32828
0	0		0	0		12215	6749		44425	34377
0	0		0	0		14608	6745		43630	34420
0	0		0	0		13614	6788		70483	74322
0	0		0	0		9471	6748		178464	47590
0	0		0	0		10661	6811		59212	36039
0	0		0	0		9488	6741		58311	34981
0	0		0	0		9424	6824		46514	34814
0	0		0	0		9397	6794		45090	35061
0	0		0	0		10757	6913		64088	52642
0	0		0	0		9441	6872		876611	53494
0	0		0	0		9406	6743		47534	37432
0	0		0	0		9390	6733		45608	47177
0	0		0	0		9462	6798		55132	35983
0	0		0	0		9462	6799		41285	35067
0	0		0	0		9568	6810		45465	37184
0	0		0	0		10840	6726		59004	38959
0	0		0	0		10712	6840		54574	35955
0	0		0	0		9360	6860		49203	35809
0	0		0	0		9538	6825		49500	36394
0	0		0	0		10714	6956		45953	38263
0	0		0	0		10802	6836		49661	37911
0	0		0	0		34955	44732		48902	36054
0	0		0	0		60495	52900		42214	35647
0	0		0	0		38889	9369		47558	36975
0	0		0	0		12581	9190		46937	39347
0	0		0	0		9157	11486		50973	36252
0	0		0	0		8971	10793		44950	39203
0	0		0	0		9278	9300		46726	39068
0	0		0	0		34879	43852		49941	38883
0	0		0	0		60929	43527		46586	37502
0	0		0	0		52052	43328		50034	37247

0	0		0	0		21239	7530		46901	38757
0	0		0	0		10462	9023		48293	38002
0	0		0	0		10005	7668		49318	40635
0	0		0	0		11461	7083		48852	38808
0	0		0	0		18024	5271		59593	39340
0	0		0	0		16710	7269		53799	37150
0	0		0	0		21868	6412		45635	38467
0	0		0	0		13416	10678		52722	38373
0	0		0	0		16093	16705		51736	37427
0	0		0	0		16006	5771		48928	38518
0	0		0	0		12949	5224		43529	37209
0	0		0	0		13033	4995		48446	38034
0	0		0	0		11790	17487		48435	37920
0	0		0	0		12973	4969		48073	50325
0	0		0	0		14382	4870		47008	37383
0	0		0	0		13022	4932		58017	43323
0	0		0	0		19888	5066		56431	37153
0	0		0	0		13018	5120		47770	39107
0	0		0	0		12950	5125		49331	36939
0	0		0	0		13028	5072		51088	36582
0	0		0	0		13160	5045		50257	38041
0	0		0	0		13177	5084		46070	38424
0	0		0	0		14539	4881		47337	38010
0	0		0	0		12987	4903		49409	39511
0	0		0	0		13071	7225		51466	40401
0	0		0	0		13138	5122		67926	42093
						1301279	891778		6103080	3768355

Analysis	(in nsec)	(in ms)
Sum G5→G102 (Read time of SM)	1301279	1.301279
Sum J5→J102 (Read time of FM)	6103080	6.10308
Read time in FM – Read time in SM	4801801	4.801801

Analysis	(in nsec)	(in ms)
Sum H5→H102 (Write time of SM)	891778	0.891778
Sum K5→K102 (Write time of FM)	3768355	3.768355
Write time in FM – Write time in SM	2876577	2.876577

#### Points:-

I didn't consider initial two rows data in SUM because shared memory take good amount of time initially for creation and binding.

In 95-100 iterations shared memory takes 3ms - 5ms less compared to file sharing method. Difference will increase on more number of iterations of read and write.