Algorithem FIFO			Tracefile: tr-simpleloop.ref(2048 trace)			
Memory Size	Hit co	ount	Miss count Clean Evic		Dirty Evic	
	50	7248	296	0	199	2711
	100	7454	275	4	44	2610
	150	7493	271	5	16	2549
	200	7510	270	7	12	2495
Algorithem Clock						
Memory Size	Hit co		Miss count	Clean Evic	Dirty	
	50	7428			90	2640
	100	7523			3	2582
	150	7526			0	2532
	200	7526	268	2	0	2482
Algorithem FIFO			Tracefile: tr-blocke	d.ref(2048 trace)		
Memory Size	Hit co	ount	Miss count	Clean Evic	Dirty	Evic
	50	2411635			174	2269
	100	24139984			759	1476
	150	2413904			653	1421
	200	2414956			876	1096
			Tracefile: tr-blocke	d.ref(2048 trace)		
Algorithem Clock						
Memory Size	Hit co	ount	Miss count	Clean Evic	Dirty	Evic
	50	2412371	575	7 3	278	2429
	100	2413821	430	7 2	613	1594
	150	2414349	377	9 3	779	1058
	200	2414920	320	8 1	941	1067
			Tracefile: tr-mutuli	ref(2048 trace)		
Algorithem FIFO	Hit count		Miss count	Clean Evic	Dirty	Evic
Memory Size	THE	Juiit	Wilss Court	Clean Lvic	Dirty	LVIC
	50	1760586	112726	2 1083	226	43986
	100	1804305	108354	3 1061	221	22222
	150	2853440	3440	8 32	944	1314
	200	2853961	3388	7 32	434	1253

Tracefile: tr-mutual.ref(2048 trace)

Memory Size	Hit o	ount	Miss count	Clean Evic	Dirty Evic
	50	1846624	1041224	1040069	1105
	100	1886055	1001793	1000614	1079
	150	2853134	34714	33485	1079
	200	2854961	32887	31609	1078

Total referento	10208 10208 10208 10208 10208		26.979
Total referento	es.	Hit rate	Miss rate
Total reference	10208		
	10208	73.6971	
	10208	73.7265	
	10208	73.7265	
	10208	73.7203	20.2733
Total referento	ces	Hit rate	Miss rate
	418128	99.7315	
24	418128	99.82	0.1793
24	418128	99.8253	0.1747
24	418128	99.8688	0.1312
Total referento	ces	Hit rate	Miss rate
24	418128	99.7619	0.2381
24	418128	99.8219	0.1781
24	418128	99.8437	0.1563
24	418128	99.8673	0.1327
Total referentces		Hit rate	Miss rate
28	887848	60.9653	39.0347
28	887848	62.4792	37.5208
28	887848	98.8085	1.1915

2887848

98.8266

1.1734

Total referentces	Hit rate	Miss rate
2887848	63.9446	36.0554
2887848	65.3101	34.6899
2887848	98.7979	1.2021
2887848	98.8612	1.1388

Program I choice

The fourth program I choice is system call tree, I found out that it didn't go through the memory process since hit and miss are both 0.

Best algorithm

The best algorithms must be OPT since OPT is able to precast the future memory usage, then it must has the highest hit rate, more over CLOCK and LRU should really competitive to each other since there are many unsure about the memory usage in the future. The FIFO is the slowest algorithm among them all, but since the memory size increase it still has reasonable hit rate.

Paragraph 2:

Since the memory is increasing hit rate for both FIFO and LRU are getting higher especially for FIFO algorithm. However, since the memory keep increasing the increment for hit rate become really slow. The marginal increase rate for bot algorithm is small when they has sufficient space.