-m 50	FIFO	LRU	CLOCK	OPT	RAND
tr-simpleloop.ref	Hit count: 7602 Miss count: 2966 Clean evictions: 208 Dirty evictions: 2708 Total references : 10568 Hit rate: 71.9341 Miss rate: 28.0659	Hit count: 7793 Miss count: 2775 Clean evictions: 91 Dirty evictions: 2634 Total references : 10568 Hit rate: 73.7415 Miss rate: 26.2585	Hit count: 7773 Miss count: 2795 Clean evictions: 106 Dirty evictions: 2639 Total references : 10568 Hit rate: 73.5522 Miss rate: 26.4478	Hit count: 5962 Miss count: 4606 Clean evictions: 1930 Dirty evictions: 2626 Total references : 10568 Hit rate: 56.4156 Miss rate: 43.5844	Hit count: 7600 Miss count: 2968 Clean evictions: 221 Dirty evictions: 2697 Total references : 10568 Hit rate: 71.9152 Miss rate: 28.0848
tr-blocked.ref	Hit count: 2518574 Miss count: 6450 Clean evictions: 4152 Dirty evictions: 2248 Total references : 2525024 Hit rate: 99.7446 Miss rate: 0.2554	Hit count: 2519846 Miss count: 5178 Clean evictions: 2786 Dirty evictions: 2342 Total references : 2525024 Hit rate: 99.7949 Miss rate: 0.2051	Hit count: 2519253 Miss count: 5771 Clean evictions: 3307 Dirty evictions: 2414 Total references : 2525024 Hit rate: 99.7714 Miss rate: 0.2286	Hit count: 634759 Miss count: 1890265 Clean evictions: 1555615 Dirty evictions: 334600 Total references : 2525024 Hit rate: 25.1387 Miss rate: 74.8613	Hit count: 2516731 Miss count: 8293 Clean evictions: 5726 Dirty evictions: 2517 Total references : 2525024 Hit rate: 99.6716 Miss rate: 0.3284
tr-matmul.ref	Hit count: 1840885 Miss count: 1127267 Clean evictions: 1083237 Dirty evictions: 43980 Total references : 2968152 Hit rate: 62.0213 Miss rate: 37.9787	Hit count: 1926933 Miss count: 1041219 Clean evictions: 1040071 Dirty evictions: 1098 Total references : 2968152 Hit rate: 64.9203 Miss rate: 35.0797	Hit count: 1926920 Miss count: 1041232 Clean evictions: 1040080 Dirty evictions: 1102 Total references : 2968152 Hit rate: 64.9199 Miss rate: 35.0801	Hit count: 745598 Miss count: 2222554 Clean evictions: 1832074 Dirty evictions: 390430 Total references : 2968152 Hit rate: 25.1199 Miss rate: 74.8801	Hit count: 1973240 Miss count: 994912 Clean evictions: 955503 Dirty evictions: 39359 Total references : 2968152 Hit rate: 66.4804 Miss rate: 33.5196
-m 100	FIFO	LRU	CLOCK	OPT	RAND
tr-simpleloop.ref	Hit count: 7820 Miss count: 2748 Clean evictions: 43 Dirty evictions: 2605 Total references : 10568 Hit rate: 73.9970 Miss rate: 26.0030	Hit count: 7891 Miss count: 2677 Clean evictions: 0 Dirty evictions: 2577 Total references : 10568 Hit rate: 74.6688 Miss rate: 25.3312	Hit count: 7890 Miss count: 2678 Clean evictions: 1 Dirty evictions: 2577 Total references : 10568 Hit rate: 74.6593 Miss rate: 25.3407	Hit count: 7791 Miss count: 2777 Clean evictions: 141 Dirty evictions: 2536 Total references : 10568 Hit rate: 73.7226 Miss rate: 26.2774	Hit count: 7823 Miss count: 2745 Clean evictions: 49 Dirty evictions: 2596 Total references : 10568 Hit rate: 74.0254 Miss rate: 25.9746

	FIFO	LRU	CLOCK	OPT	RAND
tr-blocked.ref	Hit count: 2520689 Miss count: 4335 Clean evictions: 2760 Dirty evictions: 1475 Total references : 2525024 Hit rate: 99.8283 Miss rate: 0.1717	Hit count: 2521215 Miss count: 3809 Clean evictions: 2631 Dirty evictions: 1078 Total references : 2525024 Hit rate: 99.8491 Miss rate: 0.1509	Hit count: 2520809 Miss count: 4215 Clean evictions: 2638 Dirty evictions: 1477 Total references : 2525024 Hit rate: 99.8331 Miss rate: 0.1669	Hit count: 971308 Miss count: 1553716 Clean evictions: 1219120 Dirty evictions: 334496 Total references : 2525024 Hit rate: 38.4673 Miss rate: 61.5327	Hit count: 2519796 Miss count: 5228 Clean evictions: 3378 Dirty evictions: 1750 Total references : 2525024 Hit rate: 99.7930 Miss rate: 0.2070
tr-matmul.ref	Hit count: 1884606 Miss count: 1083546 Clean evictions: 1061225 Dirty evictions: 22221 Total references : 2968152 Hit rate: 63.4943 Miss rate: 36.5057	Hit count: 1961708 Miss count: 1006444 Clean evictions: 1005269 Dirty evictions: 1075 Total references : 2968152 Hit rate: 66.0919 Miss rate: 33.9081	Hit count: 1966370 Miss count: 1001782 Clean evictions: 1000607 Dirty evictions: 1075 Total references : 2968152 Hit rate: 66.2490 Miss rate: 33.7510	Hit count: 1137568 Miss count: 1830584 Clean evictions: 1440156 Dirty evictions: 390328 Total references : 2968152 Hit rate: 38.3258 Miss rate: 61.6742	Hit count: 2644847 Miss count: 323305 Clean evictions: 315719 Dirty evictions: 7486 Total references : 2968152 Hit rate: 89.1075 Miss rate: 10.8925
-m 150	FIFO	LRU	CLOCK	OPT	RAND
tr-simpleloop.ref	Hit count: 7859 Miss count: 2709 Clean evictions: 16 Dirty evictions: 2543 Total references : 10568 Hit rate: 74.3660 Miss rate: 25.6340	Hit count: 7893 Miss count: 2675 Clean evictions: 0 Dirty evictions: 2525 Total references : 10568 Hit rate: 74.6877 Miss rate: 25.3123	Hit count: 7892 Miss count: 2676 Clean evictions: 0 Dirty evictions: 2526 Total references : 10568 Hit rate: 74.6783 Miss rate: 25.3217	Hit count: 7935 Miss count: 2633 Clean evictions: 0 Dirty evictions: 2483 Total references : 10568 Hit rate: 75.0852 Miss rate: 24.9148	Hit count: 7853 Miss count: 2715 Clean evictions: 14 Dirty evictions: 2551 Total references : 10568 Hit rate: 74.3092 Miss rate: 25.6908
tr-blocked.ref	Hit count: 2520785 Miss count: 4239 Clean evictions: 2670 Dirty evictions: 1419 Total references : 2525024 Hit rate: 99.8321 Miss rate: 0.1679	Hit count: 2521223 Miss count: 3801 Clean evictions: 2595 Dirty evictions: 1056 Total references : 2525024 Hit rate: 99.8495 Miss rate: 0.1505	Hit count: 2521218 Miss count: 3806 Clean evictions: 2599 Dirty evictions: 1057 Total references : 2525024 Hit rate: 99.8493 Miss rate: 0.1507	Hit count: 1155440 Miss count: 1369584 Clean evictions: 1076936 Dirty evictions: 292498 Total references : 2525024 Hit rate: 45.7596 Miss rate: 54.2404	Hit count: 2520591 Miss count: 4433 Clean evictions: 2802 Dirty evictions: 1481 Total references : 2525024 Hit rate: 99.8244 Miss rate: 0.1756
tr-matmul.ref	Hit count: 2933748 Miss count: 24404 Clean evictions: 32945 Dirty evictions: 1309 Total references : 2968152 Hit rate: 98.8409 Miss rate: 1.1591	Hit count: 2935275 Miss count: 32877 Clean evictions: 31654 Dirty evictions: 1073 Total references : 2968152 Hit rate: 98.8923 Miss rate: 1.1077	Hit count: 2933498 Miss count: 34654 Clean evictions: 33428 Dirty evictions: 1076 Total references : 2968152 Hit rate: 98.8325 Miss rate: 1.1675	Hit count: 1279731 Miss count: 1688421 Clean evictions: 1329528 Dirty evictions: 358743 Total references : 2968152 Hit rate: 43.1154 Miss rate: 56.8846	Hit count: 2872249 Miss count: 95903 Clean evictions: 93431 Dirty evictions: 2322 Total references : 2968152 Hit rate: 96.7689 Miss rate: 3.2311

-m 200	FIFO	LRU	CLOCK	OPT	RAND
tr-simpleloop.ref	Hit count: 7935 Miss count: 2633 Clean evictions: 0 Dirty evictions: 2433 Total references : 10568 Hit rate: 75.0852 Miss rate: 24.9148	Hit count: 7935 Miss count: 2633 Clean evictions: 0 Dirty evictions: 2433 Total references : 10568 Hit rate: 75.0852 Miss rate: 24.9148	Hit count: 7935 Miss count: 2633 Clean evictions: 0 Dirty evictions: 2433 Total references : 10568 Hit rate: 75.0852 Miss rate: 24.9148	Hit count: 7935 Miss count: 2633 Clean evictions: 0 Dirty evictions: 2433 Total references : 10568 Hit rate: 75.0852 Miss rate: 24.9148	Hit count: 7935 Miss count: 2633 Clean evictions: 0 Dirty evictions: 2433 Total references : 10568 Hit rate: 75.0852 Miss rate: 24.9148
tr-blocked.ref	Hit count: 2521847 Miss count: 3177 Clean evictions: 1884 Dirty evictions: 1093 Total references : 2525024 Hit rate: 99.8742 Miss rate: 0.1258	Hit count: 2521331 Miss count: 3693 Clean evictions: 2437 Dirty evictions: 1056 Total references : 2525024 Hit rate: 99.8537 Miss rate: 0.1463	Hit count: 2521804 Miss count: 3220 Clean evictions: 1953 Dirty evictions: 1067 Total references : 2525024 Hit rate: 99.8725 Miss rate: 0.1275	Hit count: 1251559 Miss count: 1273465 Clean evictions: 988969 Dirty evictions: 284296 Total references : 2525024 Hit rate: 49.5662 Miss rate: 50.4338	Hit count: 2521210 Miss count: 3814 Clean evictions: 2285 Dirty evictions: 1329 Total references : 2525024 Hit rate: 99.8490 Miss rate: 0.1510
tr-matmul.ref	Hit count: 2934270 Miss count: 33882 Clean evictions: 32434 Dirty evictions: 1248 Total references : 2968152 Hit rate: 98.8585 Miss rate: 1.1415	Hit count: 2935286 Miss count: 32866 Clean evictions: 31593 Dirty evictions: 1073 Total references : 2968152 Hit rate: 98.8927 Miss rate: 1.1073	Hit count: 2935272 Miss count: 32880 Clean evictions: 31606 Dirty evictions: 1074 Total references : 2968152 Hit rate: 98.8922 Miss rate: 1.1078	Hit count: 1395509 Miss count: 1572643 Clean evictions: 1220735 Dirty evictions: 351708 Total references : 2968152 Hit rate: 47.0161 Miss rate: 52.9839	Hit count: 2911955 Miss count: 56197 Clean evictions: 54358 Dirty evictions: 1639 Total references : 2968152 Hit rate: 98.1067 Miss rate: 1.8933
Write up					
* The optimal algorithm should be the best hit result but unfortunately i didn't get it right. When we increase the size of the file, the hit rate has been very low.					
* The worst algorithm should be the LRU, especially when we increase to bigger files					
* Obviously as we decrease the memory size the hit rate accuracy decreased					
* I'm surprised that the FIFO does pretty but Clock is a bit better					
* LRU - Implemented with link list. Depending on location of insertion will let us know how recent it was					
* LRU - in all different files and memory sizes has been performing a bit better than clock and fifo					