Algorithm & tracefile

Memsize

RAND	50	100	150	200
simpleloop	Hit count: 7583	Hit count: 7805	Hit count: 7843	Hit count: 7854
	Miss count: 2977	Miss count: 2755	Miss count: 2717	Miss count: 2706
	Clean evictions: 235	Clean evictions: 51	Clean evictions: 22	Clean evictions: 18
	Dirty evictions: 2692	Dirty evictions: 2604	Dirty evictions: 2545	Dirty evictions: 2488
	Total references : 10560	Total references : 10560 Hit rate: 73.9110	Total references : 10560	Total references : 10560
	Hit rate: 71.8087 Miss rate: 28.1913	Miss rate: 73.9110	Hit rate: 74.2708 Miss rate: 25.7292	Hit rate: 74.3750 Miss rate: 25.6250
	Hit count: 1972586	Hit count: 2643917	Hit count: 2871866	Hit count: 2911656
Matmul	Miss count: 995558	Miss count: 324227	Miss count: 96278	Miss count: 56488
	Clean evictions: 956334	Clean evictions: 316545	Clean evictions: 93792	Clean evictions: 54639
	Dirty evictions: 39174	Dirty evictions: 7582	Dirty evictions: 2336	Dirty evictions: 1649
	Total references :	Total references :	Total references :	Total references :
	2968144	2968144	2968144	2968144
	Hit rate: 66.4586	Hit rate: 89.0764	Hit rate: 96.7563	Hit rate: 98.0969
	Miss rate: 33.5414	Miss rate: 10.9236	Miss rate: 3.2437	Miss rate: 1.9031
Blocked	Hit count: 2516614	Hit count: 2519783	Hit count: 2520592	Hit count: 2521155
Бюскей	Miss count: 8402	Miss count: 5233	Miss count: 4424	Miss count: 3861
	Clean evictions: 5832	Clean evictions: 3423	Clean evictions: 2800	Clean evictions: 2342
	Dirty evictions: 2520	Dirty evictions: 1710	Dirty evictions: 1474	Dirty evictions: 1319
	Total references :	Total references :	Total references :	Total references :
	2525016	2525016	2525016	2525016
	Hit rate: 99.6672	Hit rate: 99.7928	Hit rate: 99.8248	Hit rate: 99.8471
	Miss rate: 0.3328	Miss rate: 0.2072	Miss rate: 0.1752	Miss rate: 0.1529
My_trace_generator	Hit count: 16087	Hit count: 16256	Hit count: 16274	Hit count: 16274
,9.	Miss count: 313	Miss count: 144	Miss count: 126	Miss count: 126
	Clean evictions: 126	Clean evictions: 3	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 137	Dirty evictions: 41	Dirty evictions: 0	Dirty evictions: 0
	Total references : 16400	Total references : 16400	Total references : 16400	Total references : 16400
	Hit rate: 98.0915	Hit rate: 99.1220	Hit rate: 99.2317	Hit rate: 99.2317
				Micc rato: 0.7602
	Miss rate: 1.9085	Miss rate: 0.8780	Miss rate: 0.7683	Miss rate: 0.7683
FIFO	50	100	150	200
FIFO simpleloop	50 Hit count: 7591	100 Hit count: 7806	150 Hit count: 7846	200 Hit count: 7854
	50 Hit count: 7591 Miss count: 2969	100 Hit count: 7806 Miss count: 2754	150 Hit count: 7846 Miss count: 2714	200 Hit count: 7854 Miss count: 2706
	50 Hit count: 7591 Miss count: 2969 Clean evictions: 206	Hit count: 7806 Miss count: 2754 Clean evictions: 44	Hit count: 7846 Miss count: 2714 Clean evictions: 16	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12
	50 Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494
	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560
	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250
	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions:	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions:	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references:
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references:	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references:	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references:	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references:
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583
simpleloop	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593	200 Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 2255 Total references:	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references:	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 2687 Dirty evictions: 1426 Total references:	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references:
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 2255 Total references: 2525016	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 2687 Dirty evictions: 1426 Total references: 2525016	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references: 2525016
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 2255 Total references: 2525016 Hit rate: 99.7438	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016 Hit rate: 99.8274	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 2687 Dirty evictions: 1426 Total references: 2525016 Hit rate: 99.8312	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references: 2525016 Hit rate: 99.8736
simpleloop Matmul Blocked	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 2255 Total references: 2525016 Hit rate: 99.7438 Miss rate: 0.2562	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 1426 Total references: 2525016 Hit rate: 99.8312 Miss rate: 0.1688	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references: 2525016 Hit rate: 99.8736 Miss rate: 0.1264
simpleloop Matmul	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 2255 Total references: 2525016 Hit rate: 99.7438 Miss rate: 0.2562 Hit count: 16119	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16254	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 1426 Total references: 2525016 Hit rate: 99.8312 Miss rate: 0.1688 Hit count: 16274	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references: 2525016 Hit rate: 99.8736 Miss rate: 0.1264 Hit count: 16274
simpleloop Matmul Blocked	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 4255 Total references: 2525016 Hit rate: 99.7438 Miss rate: 0.2562 Hit count: 16119 Miss count: 281	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16254 Miss count: 146	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 1426 Total references: 2525016 Hit rate: 99.8312 Miss rate: 0.1688 Hit count: 16274 Miss count: 126	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references: 2525016 Hit rate: 99.8736 Miss rate: 0.1264 Hit count: 16274 Miss count: 126
simpleloop Matmul Blocked	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4255 Total references: 2525016 Hit rate: 99.7438 Miss rate: 0.2562 Hit count: 16119 Miss count: 281 Clean evictions: 87	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16254 Miss count: 146 Clean evictions: 0	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 1426 Total references: 2525016 Hit rate: 99.8312 Miss rate: 0.1688 Hit count: 16274 Miss count: 126 Clean evictions: 0	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1099 Total references: 2525016 Hit rate: 99.8736 Miss rate: 0.1264 Hit count: 16274 Miss count: 126 Clean evictions: 0
simpleloop Matmul Blocked	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4164 Dirty evictions: 2255 Total references: 2525016 Hit rate: 99.7438 Miss rate: 0.2562 Hit count: 16119 Miss count: 281 Clean evictions: 87 Dirty evictions: 144	Hit count: 7806 Miss count: 2754 Clean evictions: 241 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 25255016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16254 Miss count: 146 Clean evictions: 0 Dirty evictions: 46	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 2687 Dirty evictions: 1426 Total references: 2525016 Hit rate: 99.8312 Miss rate: 0.1688 Hit count: 16274 Miss count: 126 Clean evictions: 0 Dirty evictions: 0	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1893 Dirty evictions: 1099 Total references: 2525016 Hit rate: 99.8736 Miss rate: 0.1264 Hit count: 16274 Miss count: 126 Clean evictions: 0 Dirty evictions: 0
simpleloop Matmul Blocked	Hit count: 7591 Miss count: 2969 Clean evictions: 206 Dirty evictions: 2713 Total references: 10560 Hit rate: 71.8845 Miss rate: 28.1155 Hit count: 1840871 Miss count: 1127273 Clean evictions: 1083235 Dirty evictions: 43988 Total references: 2968144 Hit rate: 62.0209 Miss rate: 37.9791 Hit count: 2518547 Miss count: 6469 Clean evictions: 4255 Total references: 2525016 Hit rate: 99.7438 Miss rate: 0.2562 Hit count: 16119 Miss count: 281 Clean evictions: 87	Hit count: 7806 Miss count: 2754 Clean evictions: 44 Dirty evictions: 2610 Total references: 10560 Hit rate: 73.9205 Miss rate: 26.0795 Hit count: 1884597 Miss count: 1083547 Clean evictions: 1061226 Dirty evictions: 22221 Total references: 2968144 Hit rate: 63.4941 Miss rate: 36.5059 Hit count: 2520658 Miss count: 4358 Clean evictions: 2777 Dirty evictions: 1481 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16254 Miss count: 146 Clean evictions: 0	Hit count: 7846 Miss count: 2714 Clean evictions: 16 Dirty evictions: 2548 Total references: 10560 Hit rate: 74.2992 Miss rate: 25.7008 Hit count: 2933734 Miss count: 34410 Clean evictions: 32946 Dirty evictions: 1314 Total references: 2968144 Hit rate: 98.8407 Miss rate: 1.1593 Hit count: 2520753 Miss count: 4263 Clean evictions: 1426 Total references: 2525016 Hit rate: 99.8312 Miss rate: 0.1688 Hit count: 16274 Miss count: 126 Clean evictions: 0	Hit count: 7854 Miss count: 2706 Clean evictions: 12 Dirty evictions: 2494 Total references: 10560 Hit rate: 74.3750 Miss rate: 25.6250 Hit count: 2934256 Miss count: 33888 Clean evictions: 32435 Dirty evictions: 1253 Total references: 2968144 Hit rate: 98.8583 Miss rate: 1.1417 Hit count: 2521824 Miss count: 3192 Clean evictions: 1099 Total references: 2525016 Hit rate: 99.8736 Miss rate: 0.1264 Hit count: 16274 Miss count: 126 Clean evictions: 0

	Miss rate: 1.7134	Miss rate: 0.8902	Miss rate: 0.7683	Miss rate: 0.7683
LRU	50	100	150	200
	Hit count: 7775	Hit count: 7877	Hit count: 7880	Hit count: 7880
simpleloop	Miss count: 2785	Miss count: 2683	Miss count: 2680	Miss count: 2680
	Clean evictions: 94	Clean evictions: 1	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 2641	Dirty evictions: 2582	Dirty evictions: 2530	Dirty evictions: 2480
	Total references: 10560	Total references: 10560	Total references: 10560	Total references : 10560
	Hit rate: 73.6269	Hit rate: 74.5928	Hit rate: 74.6212	Hit rate: 74.6212
	Miss rate: 26.3731	Miss rate: 25.4072	Miss rate: 25.3788	Miss rate: 25.3788
Matmul	Hit count: 1926916 Miss count: 1041228	Hit count: 1961692 Miss count: 1006452	Hit count: 2935260 Miss count: 32884	Hit count: 2935272 Miss count: 32872
	Clean evictions:	Clean evictions:	Clean evictions: 31656	Clean evictions: 31594
	1040073	1005272	Dirty evictions: 1078	Dirty evictions: 1078
	Dirty evictions: 1105	Dirty evictions: 1080	Total references :	Total references :
	Total references :	Total references :	2968144	2968144
	2968144	2968144	Hit rate: 98.8921	Hit rate: 98.8925
	Hit rate: 64.9199 Miss rate: 35.0801	Hit rate: 66.0915 Miss rate: 33.9085	Miss rate: 1.1079	Miss rate: 1.1075
Blocked	Hit count: 2519783	Hit count: 2521184	Hit count: 2521192	Hit count: 2521316
Бюскей	Miss count: 5233	Miss count: 3832	Miss count: 3824	Miss count: 3700
	Clean evictions: 2802	Clean evictions: 2648	Clean evictions: 2612	Clean evictions: 2438
	Dirty evictions: 2381	Dirty evictions: 1084	Dirty evictions: 1062	Dirty evictions: 1062
	Total references :	Total references :	Total references :	Total references :
	2525016	2525016	2525016	2525016
	Hit rate: 99.7928 Miss rate: 0.2072	Hit rate: 99.8482 Miss rate: 0.1518	Hit rate: 99.8486 Miss rate: 0.1514	Hit rate: 99.8535 Miss rate: 0.1465
My_trace_generator	Hit count: 16197	Hit count: 16272	Hit count: 16274	Hit count: 16274
wy_trace_generator	Miss count: 203	Miss count: 128	Miss count: 126	Miss count: 126
	Clean evictions: 46	Clean evictions: 0	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 107	Dirty evictions: 28	Dirty evictions: 0	Dirty evictions: 0
	Total references : 16400	Total references : 16400	Total references : 16400	Total references : 16400
	Hit rate: 98.7622	Hit rate: 99.2195	Hit rate: 99.2317	Hit rate: 99.2317
		Micc rate, O 700F	N 4 icc roto, 0 7602	Micc **** 0.7602
CLOCK	Miss rate: 1.2378	Miss rate: 0.7805	Miss rate: 0.7683	Miss rate: 0.7683
CLOCK	50	100	150	200
CLOCK simpleloop				
	50 Hit count: 7761	100 Hit count: 7876	150 Hit count: 7879	200 Hit count: 7879
	50 Hit count: 7761 Miss count: 2799	Hit count: 7876 Miss count: 2684	150 Hit count: 7879 Miss count: 2681	200 Hit count: 7879 Miss count: 2681
	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560	200 Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560
	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117	200 Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883	200 Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883
	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568	200 Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883	200 Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references:	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references:
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references:	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079 Total references:	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079 Total references: 2968144	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144 Hit rate: 98.8351	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079 Total references: 2968144 Hit rate: 66.2507	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144
simpleloop Matmul	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079 Total references: 2968144	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144 Hit rate: 98.8351	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921
simpleloop	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239
simpleloop Matmul	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1000549 Dirty evictions: 1079 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 2653	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references : 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references : 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977
simpleloop Matmul	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268 Dirty evictions: 2418	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1009 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 2653 Dirty evictions: 1606	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references : 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references : 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1977 Dirty evictions: 1062
simpleloop Matmul	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268 Dirty evictions: 2418 Total references:	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1009 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 1606 Total references:	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061 Total references:	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references : 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references : 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1977 Dirty evictions: 1062 Total references :
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simpleloop Matmul Blocked	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268 Dirty evictions: 2418 Total references: 2525016 Hit rate: 99.7728 Miss rate: 0.2272 Hit count: 16196	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1079 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 1606 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16268	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 33348 Dirty evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061 Total references: 2525016 Hit rate: 99.8486 Miss rate: 0.1514 Hit count: 16274	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1062 Total references: 2525016 Hit rate: 99.8717 Miss rate: 0.1283 Hit count: 16274
simpleloop Matmul	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 2418 Total references: 2525016 Hit rate: 99.7728 Miss rate: 0.2272 Hit count: 16196 Miss count: 204	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 10079 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 1606 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16268 Miss count: 132	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061 Total references: 2525016 Hit rate: 99.8486 Miss rate: 0.1514 Hit count: 16274 Miss count: 126	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1062 Total references: 2525016 Hit rate: 99.8717 Miss rate: 0.1283 Hit count: 16274 Miss count: 126
simpleloop Matmul Blocked	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268 Dirty evictions: 2418 Total references: 2525016 Hit rate: 99.7728 Miss rate: 0.2272 Hit count: 16196 Miss count: 204 Clean evictions: 45	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1009 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 1606 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16268 Miss count: 132 Clean evictions: 0	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061 Total references: 2525016 Hit rate: 99.8486 Miss rate: 0.1514 Hit count: 16274 Miss count: 126 Clean evictions: 0	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1062 Total references: 2525016 Hit rate: 99.8717 Miss rate: 0.1283 Hit count: 16274 Miss count: 126 Clean evictions: 0
simpleloop Matmul Blocked	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268 Dirty evictions: 2418 Total references: 2525016 Hit rate: 99.7728 Miss rate: 0.2272 Hit count: 16196 Miss count: 204 Clean evictions: 45 Dirty evictions: 45 Dirty evictions: 109	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1009 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 1606 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16268 Miss count: 132 Clean evictions: 0 Dirty evictions: 0 Dirty evictions: 32	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061 Total references: 2525016 Hit rate: 99.8486 Miss rate: 0.1514 Hit count: 16274 Miss count: 126 Clean evictions: 0 Dirty evictions: 0	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1062 Total references: 2525016 Hit rate: 99.8717 Miss rate: 0.1283 Hit count: 16274 Miss count: 126 Clean evictions: 0 Dirty evictions: 0
simpleloop Matmul Blocked	Hit count: 7761 Miss count: 2799 Clean evictions: 109 Dirty evictions: 2640 Total references: 10560 Hit rate: 73.4943 Miss rate: 26.5057 Hit count: 1926905 Miss count: 1041239 Clean evictions: 1040084 Dirty evictions: 1105 Total references: 2968144 Hit rate: 64.9195 Miss rate: 35.0805 Hit count: 2519280 Miss count: 5736 Clean evictions: 3268 Dirty evictions: 2418 Total references: 2525016 Hit rate: 99.7728 Miss rate: 0.2272 Hit count: 16196 Miss count: 204 Clean evictions: 45	Hit count: 7876 Miss count: 2684 Clean evictions: 2 Dirty evictions: 2582 Total references: 10560 Hit rate: 74.5833 Miss rate: 25.4167 Hit count: 1966416 Miss count: 1001728 Clean evictions: 1009 Total references: 2968144 Hit rate: 66.2507 Miss rate: 33.7493 Hit count: 2520657 Miss count: 4359 Clean evictions: 1606 Total references: 2525016 Hit rate: 99.8274 Miss rate: 0.1726 Hit count: 16268 Miss count: 132 Clean evictions: 0	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2531 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2933568 Miss count: 34576 Clean evictions: 1078 Total references: 2968144 Hit rate: 98.8351 Miss rate: 1.1649 Hit count: 2521192 Miss count: 3824 Clean evictions: 2613 Dirty evictions: 1061 Total references: 2525016 Hit rate: 99.8486 Miss rate: 0.1514 Hit count: 16274 Miss count: 126 Clean evictions: 0	Hit count: 7879 Miss count: 2681 Clean evictions: 0 Dirty evictions: 2481 Total references: 10560 Hit rate: 74.6117 Miss rate: 25.3883 Hit count: 2935260 Miss count: 32884 Clean evictions: 31607 Dirty evictions: 1077 Total references: 2968144 Hit rate: 98.8921 Miss rate: 1.1079 Hit count: 2521777 Miss count: 3239 Clean evictions: 1977 Dirty evictions: 1062 Total references: 2525016 Hit rate: 99.8717 Miss rate: 0.1283 Hit count: 16274 Miss count: 126 Clean evictions: 0

Miss ----- 0 7002

	Miss rate: 1.2439	Miss rate: 0.8049	Miss rate: 0.7683	Miss rate: 0.7683
OPT	50	100	150	200
simpleloop	Hit count: 6275	Hit count: 7777	Hit count: 7922	Hit count: 7922
Simpletoop	Miss count: 4285	Miss count: 2783	Miss count: 2638	Miss count: 2638
	Clean evictions: 1607	Clean evictions: 142	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 2628	Dirty evictions: 2541	Dirty evictions: 2488	Dirty evictions: 2438
	Total references: 10560	Total references: 10560	Total references: 10560	Total references : 10560
	Hit rate: 59.4223	Hit rate: 73.6458	Hit rate: 75.0189	Hit rate: 75.0189
	Miss rate: 40.5777	Miss rate: 26.3542	Miss rate: 24.9811	Miss rate: 24.9811
Matmul	Hit count: 745933	Hit count: 1137560	Hit count: 1267688	Hit count: 1382829
watina	Miss count: 2222211	Miss count: 1830584	Miss count: 1700456	Miss count: 1585315
	Clean evictions:	Clean evictions:	Clean evictions:	Clean evictions:
	1831727	1440150	1341429	1232636
	Dirty evictions: 390434	Dirty evictions: 390334	Dirty evictions: 358877	Dirty evictions: 352479
	Total references :	Total references :	Total references :	Total references :
	2968144	2968144	2968144	2968144
	Hit rate: 25.1313	Hit rate: 38.3256	Hit rate: 42.7098	Hit rate: 46.5890
	Miss rate: 74.8687	Miss rate: 61.6744	Miss rate: 57.2902	Miss rate: 53.4110
Blocked	Hit count: 635098	Hit count: 971302	Hit count: 1147126	Hit count: 1242982
2700770	Miss count: 1889918	Miss count: 1553714	Miss count: 1377890	Miss count: 1282034
	Clean evictions:	Clean evictions:	Clean evictions:	Clean evictions: 996942
	1555278	1219126	1084910	Dirty evictions: 284892
	Dirty evictions: 334590	Dirty evictions: 334488	Dirty evictions: 292830	Total references :
	Total references:	Total references:	Total references :	2525016
	2525016	2525016	2525016	Hit rate: 49.2267
	Hit rate: 25.1522	Hit rate: 38.4672	Hit rate: 45.4304	Miss rate: 50.7733
	Miss rate: 74.8478	Miss rate: 61.5328	Miss rate: 54.5696	
My_trace_generator	Hit count: 10183	Hit count: 12620	Hit count: 16274	Hit count: 16274
wy_nace_generator	Miss count: 6217	Miss count: 3780	Miss count: 126	Miss count: 126
	Clean evictions: 5988	Clean evictions: 3577	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 179	Dirty evictions: 103	Dirty evictions: 0	Dirty evictions: 0
	Total references: 16400	Total references: 16400	Total references: 16400	Total references: 16400
	Hit rate: 62.0915	Hit rate: 76.9512	Hit rate: 99.2317	Hit rate: 99.2317
	Miss rate: 37.9085	Miss rate: 23.0488	Miss rate: 0.7683	Miss rate: 0.7683

A comparison of the various algorithms used:

My OPT filr doesn't work that great but it should so I will write this part as if OPT is the holy grail of paging algorithms as indicated in the textbook and class.

OPT performs the best (most of the time) out of all other algorithms used because it just flat out cheats and knows what the system is going to reference next, refer to notes on Belady's sequence to know why.

LRU and OPT (even more so) take longer than other algorithms to run, this is because of keeping track of data structures and doing more computations to update/reference them.

For some reasons (and on piazza this is the case with the results of others) the larger the trace file the better the hitrate. (Please go over this in class.)

When the memsize is increased (the size of the "cache") the hitrate increases as well, this is due to having to swap files out less because we can just hold on to many more different pages all at once.

- This (like almost everything in the world) follows the law of diminishing returns, as the cache size becomes very large the hitrate starts to almost seem like it converges to 100 very slowly.

- This also implies that there will be less page evictions (regardless of whether they are dirty or not, depending on the algorithm e.g. rand doesn't care)

LRU and memsize correlation:

In general for cache's as the memsize(aka cache size) increases the hit count will increase, this implies that the hit rate will increase. This is why the hitrate will almost always increase or at least stay the same as you increase the cache size. LRU will always try to remove pages that have not been used (i.e. dirty bit is not on). This is proved as the CLOCK algorithm being a good approximation for LRU (as seen in the textbook readings). As memsize increases LRU gets a bigger "window" to look back in time, more data implies a more sound hypothesis (I'm not going to include fancy statistics in this report). By having a bigger window to look back in time LRU can get a better idea of a page that isn't really useful in the current task, therefore it is probably the best candidate for being evicted. A great piece of evidence for this is in the matmul trace. As soon as the memsize was increased from 100 to 150 the hitrate made almost a 33% raise!

LRU is great for evicting pages that are mostly improbably of being unused in the near future but it comes at a computation cost of either structure size of computation. You could use AVL trees to find the minimum quicker but this is trickier to implement and require more overhead. So an increase in cache size isn't always the best way to increase computation speeds in such magnitudes as seen in the matmul trace file.

LRU	50	100	150	200
simpleloop	Hit count: 7775	Hit count: 7877	Hit count: 7880	Hit count: 7880
	Miss count: 2785	Miss count: 2683	Miss count: 2680	Miss count: 2680
	Clean evictions: 94	Clean evictions: 1	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 2641	Dirty evictions: 2582	Dirty evictions: 2530	Dirty evictions: 2480
	Total references: 10560	Total references: 10560	Total references: 10560	Total references: 10560
	Hit rate: 73.6269	Hit rate: 74.5928	Hit rate: 74.6212	Hit rate: 74.6212
	Miss rate: 26.3731	Miss rate: 25.4072	Miss rate: 25.3788	Miss rate: 25.3788
Matmul	Hit count: 1926916	Hit count: 1961692	Hit count: 2935260	Hit count: 2935272
	Miss count: 1041228	Miss count: 1006452	Miss count: 32884	Miss count: 32872
	Clean evictions: 1040073	Clean evictions: 1005272	Clean evictions: 31656	Clean evictions: 31594
	Dirty evictions: 1105	Dirty evictions: 1080	Dirty evictions: 1078	Dirty evictions: 1078
	Total references :	Total references :	Total references:	Total references :
	2968144	2968144	2968144	2968144
	Hit rate: 64.9199	Hit rate: 66.0915	Hit rate: 98.8921	Hit rate: 98.8925
	Miss rate: 35.0801	Miss rate: 33.9085	Miss rate: 1.1079	Miss rate: 1.1075
Blocked	Hit count: 2519783	Hit count: 2521184	Hit count: 2521192	Hit count: 2521316
	Miss count: 5233	Miss count: 3832	Miss count: 3824	Miss count: 3700
	Clean evictions: 2802	Clean evictions: 2648	Clean evictions: 2612	Clean evictions: 2438
	Dirty evictions: 2381	Dirty evictions: 1084	Dirty evictions: 1062	Dirty evictions: 1062
	Total references :	Total references :	Total references:	Total references:
	2525016	2525016	2525016	2525016
	Hit rate: 99.7928	Hit rate: 99.8482	Hit rate: 99.8486	Hit rate: 99.8535
	Miss rate: 0.2072	Miss rate: 0.1518	Miss rate: 0.1514	Miss rate: 0.1465
My_trace_generator	Hit count: 16197	Hit count: 16272	Hit count: 16274	Hit count: 16274
	Miss count: 203	Miss count: 128	Miss count: 126	Miss count: 126
	Clean evictions: 46	Clean evictions: 0	Clean evictions: 0	Clean evictions: 0
	Dirty evictions: 107	Dirty evictions: 28	Dirty evictions: 0	Dirty evictions: 0
	Total references : 16400			
	Hit rate: 98.7622	Hit rate: 99.2195	Hit rate: 99.2317	Hit rate: 99.2317
	Miss rate: 1.2378	Miss rate: 0.7805	Miss rate: 0.7683	Miss rate: 0.7683