

Row Major N = 50

Cache Size in Bytes	Cache Block Size in Word				
	4	8	16	32	64
128	Miss Rate: 12% Hit Count: 9184 Miss Count: 1251	Miss Rate: 18% Hit Count: 6409 Miss Count: 1383	Miss Rate: 34% Hit Count: 5111 Miss Count: 2681	Miss Rate: 65% Hit Count: 2690 Miss Count: 5102	X
256	Miss Rate: 8% Hit Count: 7168 Miss Count: 624	Miss Rate: 9% Hit Count: 7052 Miss Count: 740	Miss Rate: 17% Hit Count: 6472 Miss Count: 1320	Miss Rate: 31% Hit Count: 5406 Miss Count: 2386	Miss Rate: 65% Hit Count: 2692 Miss Count: 5100
512	Miss Rate: 6% Hit Count: 7309 Miss Count: 483	Miss Rate: 6% Hit Count: 7338 Miss Count: 454	Miss Rate: 9% Hit Count: 7104 Miss Count: 688	Miss Rate: 15% Hit Count: 6595 Miss Count: 1197	Miss Rate: 31% Hit Count: 5379 Miss Count: 2413
1024	Miss Rate: 6% Hit Count: 7342 Miss Count: 450	Miss Rate: 4% Hit Count: 7451 Miss Count: 341	Miss Rate: 5% Hit Count: 7388 Miss Count: 404	Miss Rate: 8% Hit Count: 7186 Miss Count: 606	Miss Rate: 18% Hit Count: 6398 Miss Count: 1394
2048	Miss Rate: 5% Hit Count: 7421 Miss Count: 371	Miss Rate: 3% Hit Count: 7555 Miss Count: 237	Miss Rate: 3% Hit Count: 7578 Miss Count: 214	Miss Rate: 4% Hit Count: 7491 Miss Count: 301	Miss Rate: 11% Hit Count: 6908 Miss Count: 884

Column Major N = 50

Cache Size in Bytes	Cache Block Size in Word				
	4	8	16	32	64
128	Miss Rate: 37% Hit Count: 4942 Miss Count: 2850	Miss Rate: 41% Hit Count: 4627 Miss Count: 3165	Miss Rate: 49% Hit Count: 3975 Miss Count: 3817	Miss Rate: 65% Hit Count: 2690 Miss Count: 5102	X
256	Miss Rate: 35% Hit Count: 5098 Miss Count: 2694	Miss Rate: 36% Hit Count: 4950 Miss Count: 2842	Miss Rate: 40% Hit Count: 4647 Miss Count: 3145	Miss Rate: 45% Hit Count: 4274 Miss Count: 3518	Miss Rate: 65% Hit Count: 2692 Miss Count: 5100
512	Miss Rate: 21% Hit Count: 6117 Miss Count: 1675	Miss Rate: 34% Hit Count: 5116 Miss Count: 2676	Miss Rate: 36% Hit Count: 4960 Miss Count: 2832	Miss Rate: 35% Hit Count: 5063 Miss Count: 2729	Miss Rate: 38% Hit Count: 4850 Miss Count: 2942
1024	Miss Rate: 14% Hit Count: 6680 Miss Count: 1112	Miss Rate: 22% Hit Count: 6054 Miss Count: 1738	Miss Rate: 34% Hit Count: 5128 Miss Count: 2664	Miss Rate: 31% Hit Count: 5404 Miss Count: 2388	Miss Rate: 26% Hit Count: 5766 Miss Count: 2026
2048	Miss Rate: 14% Hit Count: 6711 Miss Count: 1081	Miss Rate: 14% Hit Count: 6729 Miss Count: 1063	Miss Rate: 22% Hit Count: 6047 Miss Count: 1745	Miss Rate: 27% Hit Count: 5691 Miss Count: 2101	Miss Rate: 18% Hit Count: 6372 Miss Count: 1420