

Lab 4 Parts A + B + C Reference Outputs (libq.mtr.gz)

Part A:

A.libq.res

CYCLES	:	100000001
CORE_0_INST	:	100000000
CORE_0_CYCLES	:	100000000
CORE_0_IPC	:	1.000
MEMSYS_IFETCH_ACCESS	:	100000000
MEMSYS_LOAD_ACCESS	:	36353358
MEMSYS_STORE_ACCESS	:	7500768
MEMSYS_IFETCH_AVGDELAY	:	0.000
MEMSYS_LOAD_AVGDELAY	:	0.000
MEMSYS_STORE_AVGDELAY	:	0.000
DCACHE_READ_ACCESS	:	36353358
DCACHE_WRITE_ACCESS	:	7500768
DCACHE_READ_MISS	:	1186718
DCACHE_WRITE_MISS	:	4
DCACHE_READ_MISS_PERC	:	3.264
DCACHE_WRITE_MISS_PERC	:	0.000
DCACHE_DIRTY_EVICTS	:	265840

Part B:

B.S1MB.libq.res

CYCLES : 230540751

CORE_0_INST : 100000000
CORE_0_CYCLES : 230540750
CORE_0_IPC : 0.434

MEMSYS_IFETCH_ACCESS : 100000000
MEMSYS_LOAD_ACCESS : 36353358
MEMSYS_STORE_ACCESS : 7500768
MEMSYS_IFETCH_AVGDELAY : 1.000
MEMSYS_LOAD_AVGDELAY : 4.591
MEMSYS_STORE_AVGDELAY : 1.000

ICACHE_READ_ACCESS : 100000000
ICACHE_WRITE_ACCESS : 0
ICACHE_READ_MISS : 17
ICACHE_WRITE_MISS : 0
ICACHE_READ_MISS_PERC : 0.000
ICACHE_WRITE_MISS_PERC : 0.000
ICACHE_DIRTY_EVICTS : 0

DCACHE_READ_ACCESS : 36353358
DCACHE_WRITE_ACCESS : 7500768
DCACHE_READ_MISS : 1186718
DCACHE_WRITE_MISS : 4
DCACHE_READ_MISS_PERC : 3.264
DCACHE_WRITE_MISS_PERC : 0.000
DCACHE_DIRTY_EVICTS : 265840

L2CACHE_READ_ACCESS : 1186739
L2CACHE_WRITE_ACCESS : 265840
L2CACHE_READ_MISS : 1186738
L2CACHE_WRITE_MISS : 0
L2CACHE_READ_MISS_PERC : 100.000
L2CACHE_WRITE_MISS_PERC : 0.000
L2CACHE_DIRTY_EVICTS : 263498

DRAM_READ_ACCESS : 1186738
DRAM_WRITE_ACCESS : 263498
DRAM_READ_DELAY_AVG : 100.000
DRAM_WRITE_DELAY_AVG : 100.000

Part C:

C.S1MB.CP.libq.res

CYCLES : 230540751

CORE_0_INST : 100000000
CORE_0_CYCLES : 230540750
CORE_0_IPC : 0.434

MEMSYS_IFETCH_ACCESS : 100000000
MEMSYS_LOAD_ACCESS : 36353358
MEMSYS_STORE_ACCESS : 7500768
MEMSYS_IFETCH_AVGDELAY : 1.000
MEMSYS_LOAD_AVGDELAY : 4.591
MEMSYS_STORE_AVGDELAY : 1.000

ICACHE_READ_ACCESS : 100000000
ICACHE_WRITE_ACCESS : 0
ICACHE_READ_MISS : 17
ICACHE_WRITE_MISS : 0
ICACHE_READ_MISS_PERC : 0.000
ICACHE_WRITE_MISS_PERC : 0.000
ICACHE_DIRTY_EVICTS : 0

DCACHE_READ_ACCESS : 36353358
DCACHE_WRITE_ACCESS : 7500768
DCACHE_READ_MISS : 1186718
DCACHE_WRITE_MISS : 4
DCACHE_READ_MISS_PERC : 3.264
DCACHE_WRITE_MISS_PERC : 0.000
DCACHE_DIRTY_EVICTS : 265840

L2CACHE_READ_ACCESS : 1186739
L2CACHE_WRITE_ACCESS : 265840
L2CACHE_READ_MISS : 1186738
L2CACHE_WRITE_MISS : 0
L2CACHE_READ_MISS_PERC : 100.000
L2CACHE_WRITE_MISS_PERC : 0.000
L2CACHE_DIRTY_EVICTS : 263498

DRAM_READ_ACCESS : 1186738
DRAM_WRITE_ACCESS : 263498
DRAM_READ_DELAY_AVG : 100.000
DRAM_WRITE_DELAY_AVG : 100.000

C.S1MB.OP.libq.res

CYCLES : 206050671

CORE_0_INST : 100000000
CORE_0_CYCLES : 206050670
CORE_0_IPC : 0.485

MEMSYS_IFETCH_ACCESS : 100000000
MEMSYS_LOAD_ACCESS : 36353358
MEMSYS_STORE_ACCESS : 7500768
MEMSYS_IFETCH_AVGDELAY : 1.000
MEMSYS_LOAD_AVGDELAY : 3.917
MEMSYS_STORE_AVGDELAY : 1.000

ICACHE_READ_ACCESS : 100000000
ICACHE_WRITE_ACCESS : 0
ICACHE_READ_MISS : 17
ICACHE_WRITE_MISS : 0
ICACHE_READ_MISS_PERC : 0.000
ICACHE_WRITE_MISS_PERC : 0.000
ICACHE_DIRTY_EVICTS : 0

DCACHE_READ_ACCESS : 36353358
DCACHE_WRITE_ACCESS : 7500768
DCACHE_READ_MISS : 1186718
DCACHE_WRITE_MISS : 4
DCACHE_READ_MISS_PERC : 3.264
DCACHE_WRITE_MISS_PERC : 0.000
DCACHE_DIRTY_EVICTS : 265840

L2CACHE_READ_ACCESS : 1186739
L2CACHE_WRITE_ACCESS : 265840
L2CACHE_READ_MISS : 1186738
L2CACHE_WRITE_MISS : 0
L2CACHE_READ_MISS_PERC : 100.000
L2CACHE_WRITE_MISS_PERC : 0.000
L2CACHE_DIRTY_EVICTS : 263498

DRAM_READ_ACCESS : 1186738
DRAM_WRITE_ACCESS : 263498
DRAM_READ_DELAY_AVG : 79.364
DRAM_WRITE_DELAY_AVG : 145.000