Lab4 Part A+B+C Reference Output (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                    : 206042931

CORE_0_INST               : 100000000
CORE_0_CYCLES                  : 206042930
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            :    79.357
DRAM_WRITE_DELAY_AVG           :   145.000
```