Lab 4 Parts D + E Reference Outputs (mix1: libq.mtr.gz + bzip2.mtr.gz)

Part D:

D.mix1.res

CYCLES : 217775286

CORE_0_INST : 100000000
CORE_0_CYCLES : 127288220
CORE_0_IPC : 0.786

CORE_1_INST : 100000000
CORE_1_CYCLES : 217775285
CORE_1_IPC : 0.459

MEMSYS_IFETCH_ACCESS : 200000000
MEMSYS_LOAD_ACCESS : 75980799
MEMSYS_STORE_ACCESS : 23386645
MEMSYS_IFETCH_AVGDELAY : 1.000
MEMSYS_LOAD_AVGDELAY : 2.909
MEMSYS_STORE_AVGDELAY : 1.920

ICACHE_0_READ_ACCESS : 100000000
ICACHE_0_WRITE_ACCESS : 0
ICACHE_0_READ_MISS : 222
ICACHE_0_WRITE_MISS : 0
ICACHE_0_READ_MISS_PERC : 0.000
ICACHE_0_WRITE_MISS_PERC : 0.000
ICACHE_0_DIRTY_EVICTS : 0

DCACHE_0_READ_ACCESS : 39627441
DCACHE_0_WRITE_ACCESS : 15885877
DCACHE_0_READ_MISS : 655444
DCACHE_0_WRITE_MISS : 218653
DCACHE_0_READ_MISS_PERC : 1.654
DCACHE_0_WRITE_MISS_PERC : 1.376
DCACHE_0_DIRTY_EVICTS : 325242

ICACHE_1_READ_ACCESS : 100000000
ICACHE_1_WRITE_ACCESS : 0
ICACHE_1_READ_MISS : 17
ICACHE_1_WRITE_MISS : 0
ICACHE_1_READ_MISS_PERC : 0.000
ICACHE_1_WRITE_MISS_PERC : 0.000
ICACHE_1_DIRTY_EVICTS : 0

DCACHE_1_READ_ACCESS : 36353358

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DCACHE_1_WRITE_ACCESS          :   7500768
DCACHE_1_READ_MISS             :   1186718
DCACHE_1_WRITE_MISS            :         4
DCACHE_1_READ_MISS_PERC        :     3.264
DCACHE_1_WRITE_MISS_PERC       :     0.000
DCACHE_1_DIRTY_EVICTS          :    265840

L2CACHE_READ_ACCESS      :   2061058
L2CACHE_WRITE_ACCESS     :    591082
L2CACHE_READ_MISS      :   1474240
L2CACHE_WRITE_MISS     :       264
L2CACHE_READ_MISS_PERC        :    71.528
L2CACHE_WRITE_MISS_PERC       :     0.045
L2CACHE_DIRTY_EVICTS     :    428716

DRAM_READ_ACCESS      :   1474240
DRAM_WRITE_ACCESS     :    428716
DRAM_READ_DELAY_AVG     :    99.007
DRAM_WRITE_DELAY_AVG    :   144.995
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Part E:

E.Q1.mix1.res

CYCLES   : 216659826

CORE_0_INST   : 100000000
CORE_0_CYCLES   : 136269395
CORE_0_IPC   :   0.734

CORE_1_INST   : 100000000
CORE_1_CYCLES   : 216659825
CORE_1_IPC   :   0.462

MEMSYS_IFETCH_ACCESS   : 200000000
MEMSYS_LOAD_ACCESS   : 75980799
MEMSYS_STORE_ACCESS   : 23386645
MEMSYS_IFETCH_AVGDELAY   :   1.000
MEMSYS_LOAD_AVGDELAY   :   3.012
MEMSYS_STORE_AVGDELAY   :   2.012

ICACHE_0_READ_ACCESS   : 100000000
ICACHE_0_WRITE_ACCESS   :   0
ICACHE_0_READ_MISS   :   222
ICACHE_0_WRITE_MISS   :   0
ICACHE_0_READ_MISS_PERC   :   0.000
ICACHE_0_WRITE_MISS_PERC :   0.000
ICACHE_0_DIRTY_EVICTS   :   0

DCACHE_0_READ_ACCESS   : 39627441
DCACHE_0_WRITE_ACCESS   : 15885877
DCACHE_0_READ_MISS   :   655444
DCACHE_0_WRITE_MISS   :   218653
DCACHE_0_READ_MISS_PERC   :   1.654
DCACHE_0_WRITE_MISS_PERC :   1.376
DCACHE_0_DIRTY_EVICTS   :   325242

ICACHE_1_READ_ACCESS   : 100000000
ICACHE_1_WRITE_ACCESS   :   0
ICACHE_1_READ_MISS   :   17
ICACHE_1_WRITE_MISS   :   0
ICACHE_1_READ_MISS_PERC   :   0.000
ICACHE_1_WRITE_MISS_PERC :   0.000
ICACHE_1_DIRTY_EVICTS   :   0

DCACHE_1_READ_ACCESS   : 36353358
DCACHE_1_WRITE_ACCESS   :   7500768
DCACHE_1_READ_MISS   :   1186718

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DCACHE_1_WRITE_MISS           :        4
DCACHE_1_READ_MISS_PERC       :     3.264
DCACHE_1_WRITE_MISS_PERC      :     0.000
DCACHE_1_DIRTY_EVICTS         :   265840

L2CACHE_READ_ACCESS       :   2061058
L2CACHE_WRITE_ACCESS      :    591082
L2CACHE_READ_MISS       :   1557005
L2CACHE_WRITE_MISS      :     1211
L2CACHE_READ_MISS_PERC        :    75.544
L2CACHE_WRITE_MISS_PERC       :     0.205
L2CACHE_DIRTY_EVICTS      :    450414

DRAM_READ_ACCESS        :   1557005
DRAM_WRITE_ACCESS       :    450414
DRAM_READ_DELAY_AVG      :   100.176
DRAM_WRITE_DELAY_AVG      :   144.994
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