

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

Part D:

D.mix1.res

CYCLES : 224767631

CORE_0_INST : 100000000

CORE_0_CYCLES : 178145155

CORE_0_IPC : 0.561

CORE_1_INST : 100000000

CORE_1_CYCLES : 224767630

CORE_1_IPC : 0.445

MEMSYS_IFETCH_ACCESS : 200000000

MEMSYS_LOAD_ACCESS : 75980799

MEMSYS_STORE_ACCESS : 23386645

MEMSYS_IFETCH_AVGDELAY : 1.000

MEMSYS_LOAD_AVGDELAY : 3.670

MEMSYS_STORE_AVGDELAY : 2.101

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
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	:	1914222
L2CACHE_WRITE_MISS	:	199782
L2CACHE_READ_MISS_PERC	:	92.876
L2CACHE_WRITE_MISS_PERC	:	33.799
L2CACHE_DIRTY_EVICTS	:	496287

DRAM_READ_ACCESS	:	1914222
DRAM_WRITE_ACCESS	:	496287
DRAM_READ_DELAY_AVG	:	108.690
DRAM_WRITE_DELAY_AVG	:	144.772

Part E:

E.Q1.mix1.res

CYCLES : 221520091

CORE_0_INST : 100000000

CORE_0_CYCLES : 169559015

CORE_0_IPC : 0.590

CORE_1_INST : 100000000

CORE_1_CYCLES : 221520090

CORE_1_IPC : 0.451

MEMSYS_IFETCH_ACCESS : 200000000

MEMSYS_LOAD_ACCESS : 75980799

MEMSYS_STORE_ACCESS : 23386645

MEMSYS_IFETCH_AVGDELAY : 1.000

MEMSYS_LOAD_AVGDELAY : 3.514

MEMSYS_STORE_AVGDELAY : 2.151

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
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	:	1841810
L2CACHE_WRITE_MISS	:	98413
L2CACHE_READ_MISS_PERC	:	89.362
L2CACHE_WRITE_MISS_PERC	:	16.650
L2CACHE_DIRTY_EVICTS	:	505004

DRAM_READ_ACCESS	:	1841810
DRAM_WRITE_ACCESS	:	505004
DRAM_READ_DELAY_AVG	:	107.169
DRAM_WRITE_DELAY_AVG	:	144.840