

Lab 4 Parts A + B + C Reference Outputs (bzip2.mtr.gz)

Part A:

A.bzip2.res

CYCLES : 100000001

CORE_0_INST : 100000000

CORE_0_CYCLES : 100000000

CORE_0_IPC : 1.000

MEMSYS_IFETCH_ACCESS : 100000000

MEMSYS_LOAD_ACCESS : 39627441

MEMSYS_STORE_ACCESS : 15885877

MEMSYS_IFETCH_AVGDELAY : 0.000

MEMSYS_LOAD_AVGDELAY : 0.000

MEMSYS_STORE_AVGDELAY : 0.000

DCACHE_READ_ACCESS : 39627441

DCACHE_WRITE_ACCESS : 15885877

DCACHE_READ_MISS : 655444

DCACHE_WRITE_MISS : 218653

DCACHE_READ_MISS_PERC : 1.654

DCACHE_WRITE_MISS_PERC : 1.376

DCACHE_DIRTY_EVICTS : 325242

Part B:

B.S1MB.bzip2.res

CYCLES	: 126005161
CORE_0_INST	: 100000000
CORE_0_CYCLES	: 126005160
CORE_0_IPC	: 0.794
MEMSYS_IFETCH_ACCESS	: 100000000
MEMSYS_LOAD_ACCESS	: 39627441
MEMSYS_STORE_ACCESS	: 15885877
MEMSYS_IFETCH_AVGDELAY	: 1.000
MEMSYS_LOAD_AVGDELAY	: 1.656
MEMSYS_STORE_AVGDELAY	: 2.070
ICACHE_READ_ACCESS	: 100000000
ICACHE_WRITE_ACCESS	: 0
ICACHE_READ_MISS	: 222
ICACHE_WRITE_MISS	: 0
ICACHE_READ_MISS_PERC	: 0.000
ICACHE_WRITE_MISS_PERC	: 0.000
ICACHE_DIRTY_EVICTS	: 0
DCACHE_READ_ACCESS	: 39627441
DCACHE_WRITE_ACCESS	: 15885877
DCACHE_READ_MISS	: 655444
DCACHE_WRITE_MISS	: 218653
DCACHE_READ_MISS_PERC	: 1.654
DCACHE_WRITE_MISS_PERC	: 1.376
DCACHE_DIRTY_EVICTS	: 325242
L2CACHE_READ_ACCESS	: 874319
L2CACHE_WRITE_ACCESS	: 325242
L2CACHE_READ_MISS	: 342546
L2CACHE_WRITE_MISS	: 63029
L2CACHE_READ_MISS_PERC	: 39.179
L2CACHE_WRITE_MISS_PERC	: 19.379
L2CACHE_DIRTY_EVICTS	: 183890
DRAM_READ_ACCESS	: 342546
DRAM_WRITE_ACCESS	: 183890
DRAM_READ_DELAY_AVG	: 100.000
DRAM_WRITE_DELAY_AVG	: 100.000

Part C

C.S1MB.CP.bzip2.res

CYCLES	:	126005161
CORE_0_INST	:	100000000
CORE_0_CYCLES	:	126005160
CORE_0_IPC	:	0.794
MEMSYS_IFETCH_ACCESS	:	100000000
MEMSYS_LOAD_ACCESS	:	39627441
MEMSYS_STORE_ACCESS	:	15885877
MEMSYS_IFETCH_AVGDELAY	:	1.000
MEMSYS_LOAD_AVGDELAY	:	1.656
MEMSYS_STORE_AVGDELAY	:	2.070
ICACHE_READ_ACCESS	:	100000000
ICACHE_WRITE_ACCESS	:	0
ICACHE_READ_MISS	:	222
ICACHE_WRITE_MISS	:	0
ICACHE_READ_MISS_PERC	:	0.000
ICACHE_WRITE_MISS_PERC	:	0.000
ICACHE_DIRTY_EVICTS	:	0
DCACHE_READ_ACCESS	:	39627441
DCACHE_WRITE_ACCESS	:	15885877
DCACHE_READ_MISS	:	655444
DCACHE_WRITE_MISS	:	218653
DCACHE_READ_MISS_PERC	:	1.654
DCACHE_WRITE_MISS_PERC	:	1.376
DCACHE_DIRTY_EVICTS	:	325242
L2CACHE_READ_ACCESS	:	874319
L2CACHE_WRITE_ACCESS	:	325242
L2CACHE_READ_MISS	:	342546
L2CACHE_WRITE_MISS	:	63029
L2CACHE_READ_MISS_PERC	:	39.179
L2CACHE_WRITE_MISS_PERC	:	19.379
L2CACHE_DIRTY_EVICTS	:	183890
DRAM_READ_ACCESS	:	342546
DRAM_WRITE_ACCESS	:	183890
DRAM_READ_DELAY_AVG	:	100.000
DRAM_WRITE_DELAY_AVG	:	100.000

C.S1MB.OP.bzip2.res

CYCLES	:	129657001
CORE_0_INST	:	100000000
CORE_0_CYCLES	:	129657000
CORE_0_IPC	:	0.771
MEMSYS_IFETCH_ACCESS	:	100000000
MEMSYS_LOAD_ACCESS	:	39627441
MEMSYS_STORE_ACCESS	:	15885877
MEMSYS_IFETCH_AVGDELAY	:	1.000
MEMSYS_LOAD_AVGDELAY	:	1.748
MEMSYS_STORE_AVGDELAY	:	2.398
ICACHE_READ_ACCESS	:	100000000
ICACHE_WRITE_ACCESS	:	0
ICACHE_READ_MISS	:	222
ICACHE_WRITE_MISS	:	0
ICACHE_READ_MISS_PERC	:	0.000
ICACHE_WRITE_MISS_PERC	:	0.000
ICACHE_DIRTY_EVICTS	:	0
DCACHE_READ_ACCESS	:	39627441
DCACHE_WRITE_ACCESS	:	15885877
DCACHE_READ_MISS	:	655444
DCACHE_WRITE_MISS	:	218653
DCACHE_READ_MISS_PERC	:	1.654
DCACHE_WRITE_MISS_PERC	:	1.376
DCACHE_DIRTY_EVICTS	:	325242
L2CACHE_READ_ACCESS	:	874319
L2CACHE_WRITE_ACCESS	:	325242
L2CACHE_READ_MISS	:	342546
L2CACHE_WRITE_MISS	:	63029
L2CACHE_READ_MISS_PERC	:	39.179
L2CACHE_WRITE_MISS_PERC	:	19.379
L2CACHE_DIRTY_EVICTS	:	183890
DRAM_READ_ACCESS	:	342546
DRAM_WRITE_ACCESS	:	183890
DRAM_READ_DELAY_AVG	:	125.903
DRAM_WRITE_DELAY_AVG	:	144.624