GCC

PART B1:

B1.1: Schedule in-order, 1-cycle load latency

LAB3_NUM_INST   :   10000000
LAB3_NUM_CYCLES   :   10033505
LAB3_CPI   :   1.003
LAB3_Cache HR   :   nan

B1.2: Schedule OoO-oldest first, 1-cycle load latency

LAB3_NUM_INST   :   10000000
LAB3_NUM_CYCLES   :   10000017
LAB3_CPI   :   1.000
LAB3_Cache HR   :   nan

Part B2:

B2.1: Schedule in-order, with cache

LAB3_NUM_INST   :   10000000
LAB3_NUM_CYCLES   :   10061698
LAB3_CPI   :   1.006
LAB3_Cache HR   :   0.939

B2.2: Schedule OoO-oldest first, with cache

LAB3_NUM_INST   :   10000000
LAB3_NUM_CYCLES   :   10000034
LAB3_CPI   :   1.000
LAB3_Cache HR   :   0.939

PART B3:

B3.1: Schedule in-order, with cache, with exceptions

LAB3_NUM_INST   :   10000000
LAB3_NUM_CYCLES   :   10556356
LAB3_CPI   :   1.056
LAB3_Cache HR   :   0.940

B3.2: Schedule OoO-oldest first, with cache, with exceptions

LAB3_NUM_INST   : 10000000
LAB3_NUM_CYCLES   :   10508483
LAB3_CPI   :   1.051
LAB3_Cache HR   :   0.940

PART C (2-wide Superscalar)

C.0: Schedule in-order, 1-cycle load latency

LAB3_NUM_INST   : 10000000
LAB3_NUM_CYCLES   :   5044438
LAB3_CPI   :   0.504
LAB3_Cache HR   :   nan

C.1: Schedule in-order, with cache

LAB3_NUM_INST   : 10000000
LAB3_NUM_CYCLES   :   6092449
LAB3_CPI   :   0.609
LAB3_Cache HR   :   0.939

C.2: Schedule OoO-oldest first, with cache

LAB3_NUM_INST   : 10000000
LAB3_NUM_CYCLES   :   6068616
LAB3_CPI   :   0.607
LAB3_Cache HR   :   0.939