

```
rand_idcache/foo_idcache.asm SUCCESS CPI:4.3
rand_idcache/t_1_idcache.asm SUCCESS CPI:4.6
rand_idcache/t_2_idcache.asm SUCCESS CPI:4.5
rand_idcache/t_3_idcache.asm SUCCESS CPI:4.3
rand_idcache/t_4_idcache.asm SUCCESS CPI:4.8
rand_idcache/t_5_idcache.asm SUCCESS CPI:4.8
rand_idcache/t_6_idcache.asm SUCCESS CPI:4.6
rand_idcache/t_7_idcache.asm SUCCESS CPI:4.2
rand_idcache/t_8_idcache.asm SUCCESS CPI:4.4
Average - CPI:4.50
```

rand_icache.summary.log

rand_icache/t_1_icache.asm SUCCESS CPI:38.4
rand_icache/t_2_icache.asm SUCCESS CPI:27.3
rand_icache/t_3_icache.asm SUCCESS CPI:24.8
rand_icache/t_4_icache.asm SUCCESS CPI:28.3
rand_icache/t_5_icache.asm SUCCESS CPI:29.8
rand_icache/t_6_icache.asm SUCCESS CPI:31.0
rand_icache/t_7_icache.asm SUCCESS CPI:27.3
rand_icache/t_8_icache.asm SUCCESS CPI:27.3
Average - CPI:29.28

rand_dcache.summary.log

rand_dcache/ldld_rand_large.asm SUCCESS CPI:2.4
rand_dcache/ldld_rand_small.asm SUCCESS CPI:2.4
rand_dcache/ldst_rand_large.asm SUCCESS CPI:2.2
rand_dcache/ldst_rand_small.asm SUCCESS CPI:2.2
Average - CPI:2.30

complex_demo1/branchTest.asm SUCCESS CPI:3.7
complex_demo1/easyTest.asm SUCCESS CPI:4.5
complex_demo1/finalTest2.asm SUCCESS CPI:2.2
complex_demo1/firstTest.asm SUCCESS CPI:1.2
complex_demo1/loadStoreTest.asm SUCCESS CPI:1.6
complex_demo1/shiftTest.asm SUCCESS CPI:1.1
Average - CPI:2.38

complex_demo2/alignTest.asm SUCCESS CPI:2.3
complex_demo2/pipeTest.asm SUCCESS CPI:2.2
complex_demo2/stallTest.asm SUCCESS CPI:2.2
Average ~ CPI:2.23

complex_demo3.summary.log

```
complex_demo3final/cacheTest.asm SUCCESS CPI:1.9
complex_demo3final/extraCreditTest.asm SUCCESS CPI:3.0
complex_demo3final/ldid.asm SUCCESS CPI:2.7
complex_demo3final/ldst.asm SUCCESS CPI:2.0
complex_demo3final/simple-exception-test.asm FAILED
complex_demo3final/ultimateTest.asm SUCCESS CPI:3.0
Average - CPI:2.10
```

```
rand_complex/t_1_all.asm SUCCESS CPI:1.5
rand_complex/t_2_all.asm SUCCESS CPI:1.5
rand_complex/t_3_all.asm SUCCESS CPI:1.7
rand_complex/t_4_all.asm SUCCESS CPI:1.6
rand_complex/t_5_all.asm SUCCESS CPI:1.6
rand_complex/t_6_all.asm SUCCESS CPI:1.5
rand_complex/t_7_all.asm SUCCESS CPI:1.7
rand_complex/t_8_all.asm SUCCESS CPI:1.5
Average - CPI:1.57
```

rand_ctrl/t_1_ctrl.asm SUCCESS CPI:1.7
rand_ctrl/t_2_ctrl.asm SUCCESS CPI:1.6
rand_ctrl/t_3_ctrl.asm SUCCESS CPI:1.6
rand_ctrl/t_4_ctrl.asm SUCCESS CPI:1.8
rand_ctrl/t_5_ctrl.asm SUCCESS CPI:1.6
rand_ctrl/t_6_ctrl.asm SUCCESS CPI:1.6
rand_ctrl/t_7_ctrl.asm SUCCESS CPI:1.6
rand_ctrl/t_8_ctrl.asm SUCCESS CPI:1.8
Average - CPI:1.66

inst_tests.summary.log

```
inst_tests/add_0.0.asm SUCCESS CPI:2.7
inst_tests/add_1.1.asm SUCCESS CPI:2.7
inst_tests/add_2.2.asm SUCCESS CPI:2.7
inst_tests/addi_0.0.asm SUCCESS CPI:3.3
inst_tests/addi_1.1.asm SUCCESS CPI:3.3
inst_tests/addi_2.2.asm SUCCESS CPI:3.3
inst_tests/addi_3.3.asm SUCCESS CPI:2.7
inst_tests/andn_0.0.asm SUCCESS CPI:2.2
inst_tests/andn_1.1.asm SUCCESS CPI:2.7
inst_tests/andn_2.2.asm SUCCESS CPI:2.7
inst_tests/andn_3.3.asm SUCCESS CPI:2.7
inst_tests/andn_4.4.asm SUCCESS CPI:2.7
inst_tests/andni_0.0.asm SUCCESS CPI:3.3
inst_tests/andni_2.2.asm SUCCESS CPI:3.3
inst_tests/andni_3.3.asm SUCCESS CPI:3.3
inst_tests/andni_4.4.asm SUCCESS CPI:3.3
inst_tests/beqz_0.0.asm SUCCESS CPI:2.5
inst_tests/bgez_0.1.asm SUCCESS CPI:3.7
inst_tests/bgez_1.1.asm SUCCESS CPI:2.9
inst_tests/bgez_10.10.asm SUCCESS CPI:2.6
inst_tests/bgez_2.2.asm SUCCESS CPI:4.7
inst_tests/bgez_3.3.asm SUCCESS CPI:4.7
inst_tests/bgez_4.4.asm SUCCESS CPI:2.6
inst_tests/bgez_5.5.asm SUCCESS CPI:3.2
inst_tests/bgez_6.6.asm SUCCESS CPI:3.2
inst_tests/bgez_7.7.asm SUCCESS CPI:8.8
inst_tests/bgez_8.8.asm SUCCESS CPI:3.7
inst_tests/bgez_9.9.asm SUCCESS CPI:5.5
inst_tests/bltz_0.0.asm SUCCESS CPI:2.9
inst_tests/bltz_1.1.asm SUCCESS CPI:4.9
inst_tests/bltz_1.1.asm SUCCESS CPI:4.9
inst_tests/bltz_2.2.asm SUCCESS CPI:4.7
inst_tests/bnez_0.0.asm SUCCESS CPI:2.7
inst_tests/btr_0.0.asm SUCCESS CPI:2.7
inst_tests/btr_1.1.asm SUCCESS CPI:2.7
inst_tests/btr_2.2.asm SUCCESS CPI:2.7
inst_tests/btr_3.3.asm SUCCESS CPI:2.7
inst_tests/btr_4.4.asm SUCCESS CPI:2.7
inst_tests/btr_5.5.asm SUCCESS CPI:2.7
inst_tests/btr_6.6.asm SUCCESS CPI:2.7
inst_tests/btr_7.7.asm SUCCESS CPI:2.7
inst_tests/btr_8.8.asm SUCCESS CPI:2.7
inst_tests/j_0.0.asm SUCCESS CPI:6.5
inst_tests/jal_1.1.asm SUCCESS CPI:3.3
inst_tests/jalr_0.0.asm SUCCESS CPI:7.5
inst_tests/jalr_0.0.asm SUCCESS CPI:4.5
inst_tests/jalr_4.4.asm SUCCESS CPI:5.3
inst_tests/jalr_5.5.asm SUCCESS CPI:5.0
inst_tests/jr_0.0.asm SUCCESS CPI:4.7
inst_tests/lb_0.0.asm SUCCESS CPI:1.4
inst_tests/ld_0.0.asm SUCCESS CPI:3.0
inst_tests/ld_1.1.asm SUCCESS CPI:3.0
inst_tests/ld_2.2.asm SUCCESS CPI:2.6
inst_tests/ld_3.3.asm SUCCESS CPI:2.6
inst_tests/ld_4.4.asm SUCCESS CPI:2.6
inst_tests/rol_0.0.asm SUCCESS CPI:3.3
inst_tests/rol_1.1.asm SUCCESS CPI:3.3
inst_tests/rol_2.2.asm SUCCESS CPI:3.3
inst_tests/rol_3.3.asm SUCCESS CPI:2.7
inst_tests/rol_4.4.asm SUCCESS CPI:2.7
inst_tests/rol_6.6.asm SUCCESS CPI:2.7
inst_tests/rol_7.7.asm SUCCESS CPI:2.7
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inst_tests/rol_8.8.asm SUCCESS CPI:2.7
inst_tests/rol_9.9.asm SUCCESS CPI:3.3
inst_tests/roli_0.0.asm SUCCESS CPI:3.3
inst_tests/roli_1.1.asm SUCCESS CPI:3.3
inst_tests/roli_2.2.asm SUCCESS CPI:3.3
inst_tests/roli_3.3.asm SUCCESS CPI:3.3
inst_tests/roli_4.4.asm SUCCESS CPI:3.3
inst_tests/roli_5.5.asm SUCCESS CPI:3.3
inst_tests/roli_6.6.asm SUCCESS CPI:3.3
inst_tests/ror_0.0.asm SUCCESS CPI:2.7
inst_tests/ror_1.1.asm SUCCESS CPI:2.7
inst_tests/ror_2.2.asm SUCCESS CPI:2.7
inst_tests/ror_3.3.asm SUCCESS CPI:2.7
inst_tests/ror_4.4.asm SUCCESS CPI:2.7
inst_tests/ror_6.6.asm SUCCESS CPI:2.7
inst_tests/rori_0.0.asm SUCCESS CPI:1.3
inst_tests/rori_1.1.asm SUCCESS CPI:1.8
inst_tests/rori_2.2.asm SUCCESS CPI:2.2
inst_tests/rori_3.3.asm SUCCESS CPI:1.8
inst_tests/rti_0.0.asm FAILED
inst_tests/sco_0.0.asm SUCCESS CPI:2.7
inst_tests/sco_1.1.asm SUCCESS CPI:2.4
inst_tests/sco_2.2.asm SUCCESS CPI:2.7
inst_tests/sco_3.3.asm SUCCESS CPI:2.4
inst_tests/sco_4.4.asm SUCCESS CPI:3.3
inst_tests/sco_5.5.asm SUCCESS CPI:3.3
inst_tests/seq_0.0.asm SUCCESS CPI:1.9
inst_tests/seq_1.1.asm SUCCESS CPI:2.7
inst_tests/seq_2.2.asm SUCCESS CPI:2.7
inst_tests/seq_3.3.asm SUCCESS CPI:2.7
inst_tests/seq_4.4.asm SUCCESS CPI:2.7
inst_tests/seq_5.5.asm SUCCESS CPI:2.7
inst_tests/seq_6.6.asm SUCCESS CPI:2.7
inst_tests/seq_7.7.asm SUCCESS CPI:2.7
inst_tests/seq_8.8.asm SUCCESS CPI:2.7
inst_tests/seq_9.9.asm SUCCESS CPI:2.7
inst_tests/slic_0.0.asm FAILED
inst_tests/slbi_0.0.asm SUCCESS CPI:3.3
inst_tests/slbi_1.1.asm SUCCESS CPI:3.3
inst_tests/slbi_2.2.asm SUCCESS CPI:3.3
inst_tests/sle_0.0.asm SUCCESS CPI:1.9
inst_tests/sll_0.0.asm SUCCESS CPI:2.2
inst_tests/sll_1.1.asm SUCCESS CPI:2.7
inst_tests/sll_2.2.asm SUCCESS CPI:2.2
inst_tests/sll_3.3.asm SUCCESS CPI:2.5
inst_tests/slli_0.0.asm SUCCESS CPI:2.4
inst_tests/slli_1.1.asm SUCCESS CPI:3.3
inst_tests/slli_2.2.asm SUCCESS CPI:2.4
inst_tests/slli_3.3.asm SUCCESS CPI:2.8
inst_tests/slt_0.0.asm SUCCESS CPI:1.9
inst_tests/slt_1.1.asm SUCCESS CPI:2.2
inst_tests/slt_2.2.asm SUCCESS CPI:2.2
inst_tests/slt_3.3.asm SUCCESS CPI:2.2
inst_tests/slt_4.4.asm SUCCESS CPI:2.2
inst_tests/slt_5.5.asm SUCCESS CPI:2.2
inst_tests/slt_6.6.asm SUCCESS CPI:2.2
inst_tests/slt_7.7.asm SUCCESS CPI:2.2
inst_tests/slt_8.8.asm SUCCESS CPI:2.2
inst_tests/srl_0.0.asm SUCCESS CPI:2.4
inst_tests/srl_1.1.asm SUCCESS CPI:2.2
inst_tests/srl_2.2.asm SUCCESS CPI:2.4
inst_tests/srl_3.3.asm SUCCESS CPI:2.4
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inst_tests/srl_4.asm SUCCESS CPI:2.4
inst_tests/srli_0.asm SUCCESS CPI:1.6
inst_tests/srli_1.asm SUCCESS CPI:1.6
inst_tests/srli_2.asm SUCCESS CPI:1.6
inst_tests/srli_3.asm SUCCESS CPI:1.5
inst_tests/srli_4.asm SUCCESS CPI:1.5
inst_tests/srli_5.asm SUCCESS CPI:1.5
inst_tests/srli_6.asm SUCCESS CPI:1.3
inst_tests/st_0.asm SUCCESS CPI:3.7
inst_tests/st_1.asm SUCCESS CPI:2.6
inst_tests/stu_0.asm SUCCESS CPI:2.4
inst_tests/stu_1.asm SUCCESS CPI:2.4
inst_tests/stu_2.asm SUCCESS CPI:2.4
inst_tests/stu_3.asm SUCCESS CPI:2.4
inst_tests/stu_4.asm SUCCESS CPI:2.4
inst_tests/stu_5.asm SUCCESS CPI:1.8
inst_tests/sub_0.asm SUCCESS CPI:2.4
inst_tests/sub_1.asm SUCCESS CPI:2.2
inst_tests/sub_2.asm SUCCESS CPI:2.7
inst_tests/sub_3.asm SUCCESS CPI:2.7
inst_tests/sub_4.asm SUCCESS CPI:2.7
inst_tests/sub_5.asm SUCCESS CPI:2.7
inst_tests/sub_6.asm SUCCESS CPI:3.3
inst_tests/sub_7.asm SUCCESS CPI:3.3
inst_tests/subi_1.asm SUCCESS CPI:2.7
inst_tests/subi_5.asm SUCCESS CPI:3.3
inst_tests/ta_add_0.asm SUCCESS CPI:2.4
inst_tests/ta_add_1.asm SUCCESS CPI:2.4
inst_tests/ta_xori_0.asm SUCCESS CPI:2.0
inst_tests/test_jal.asm SUCCESS CPI:3.1
inst_tests/xor_0.asm SUCCESS CPI:2.0
inst_tests/xori_1.asm SUCCESS CPI:3.3
inst_tests/xori2.asm SUCCESS CPI:3.3
inst_tests/xori3.asm SUCCESS CPI:3.3
inst_tests/xori_0.asm SUCCESS CPI:2.0
Average - CPI:2.85
```