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CSE 3666

Architecture Assignment 8

3/16/17

1) Dependencies are highlighted in the same color of the register they depend on:

Instruction Sequence:

```
lw $t0, 0 ($a0)
addi $t9, $zero, 53
mult $t9, $t0
mflo $t0
lw $t1, 4 ($a0)
lw $t1, 0 ($t1)
addi $t1, $t1, -9
addi $t9, $zero, 7
mult $t9, $t1
mflo $t1
add $t0, $t0, $t1
sw $t0, 0 ($a0)
```

- 2) LW, ADDI, NOP, NOP, MULT, NOP, MFLO, LW, NOP, NOP, LW, NOP, NOP, ADDI, ADDI, NOP, NOP, MULT, NOP, MFLO, NOP, NOP, ADD, NOP, NOP, SW.
- 3) LW, ADDI, NOP, MULT, MFLO, LW, NOP, LW, NOP, ADDI, ADDI, MULT, MFLO, ADD, SW.