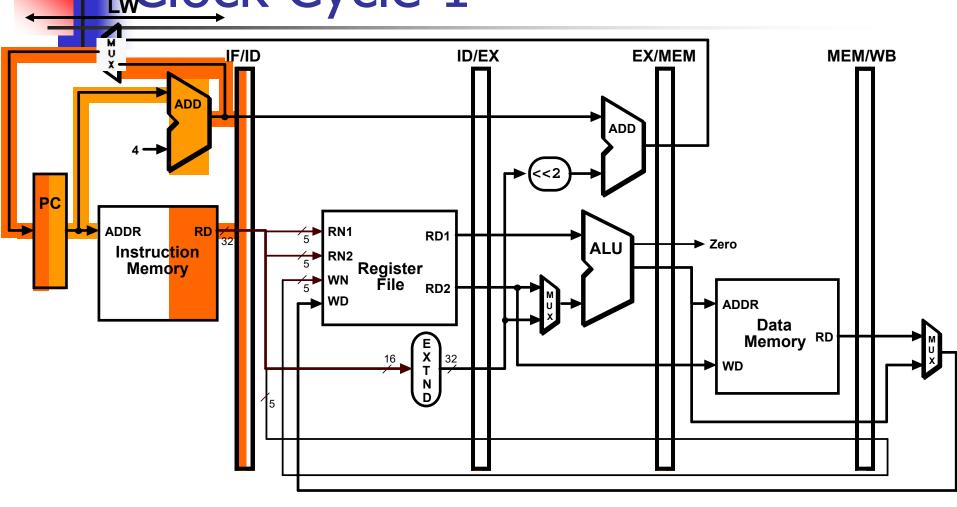
4

Pipelined Example

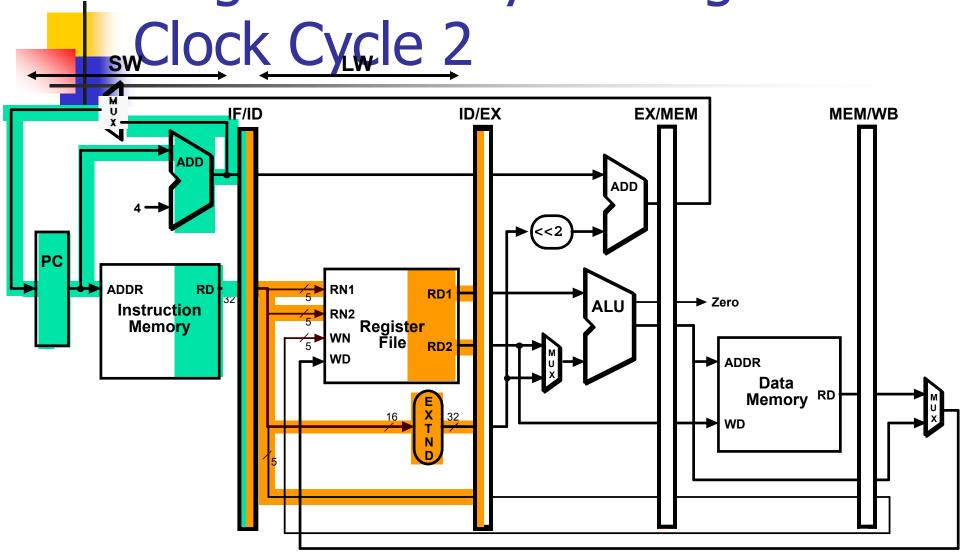
Consider the following instruction sequence:

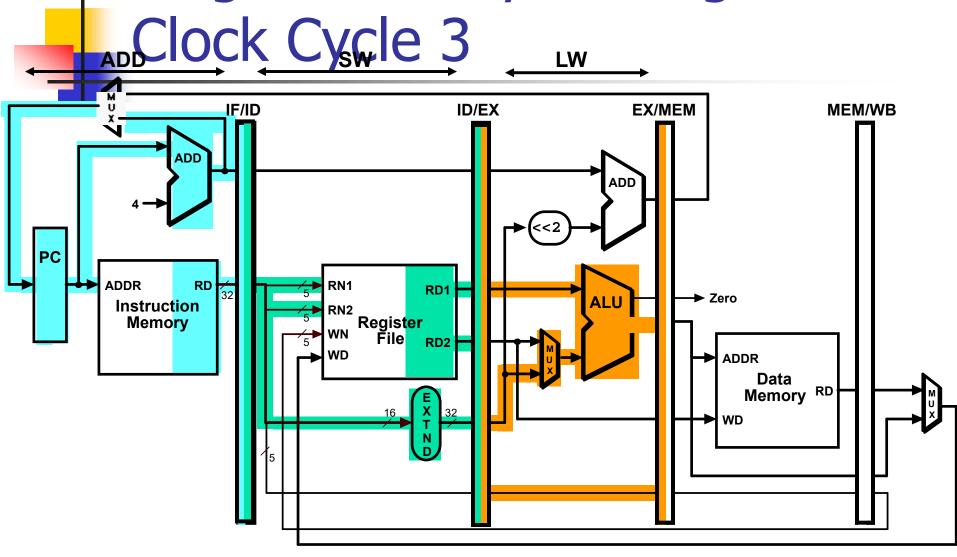
```
lw $t0, 10($t1)
sw $t3, 20($t4)
add $t5, $t6, $t7
sub $t8, $t9, $t10
```

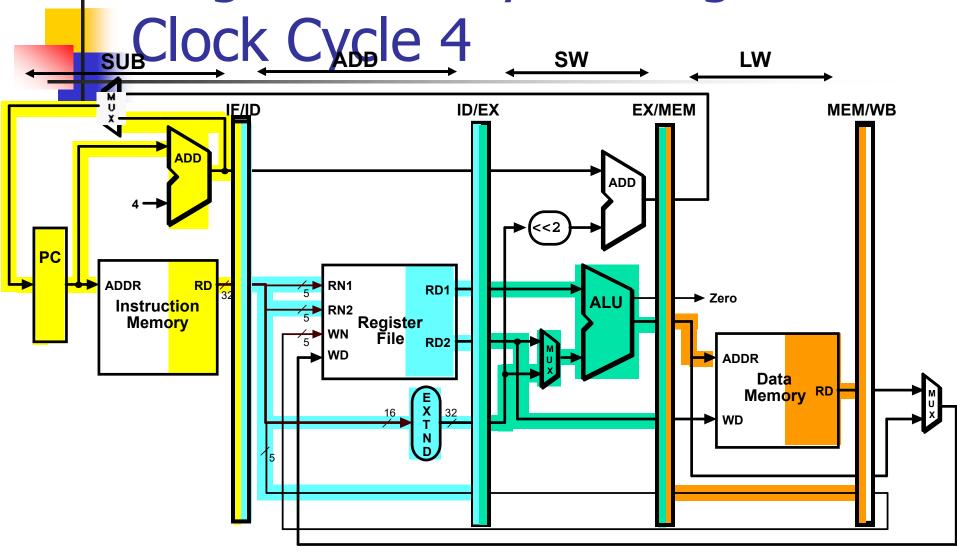
Single-Clock-Cycle Diagram: Clock Cycle 1

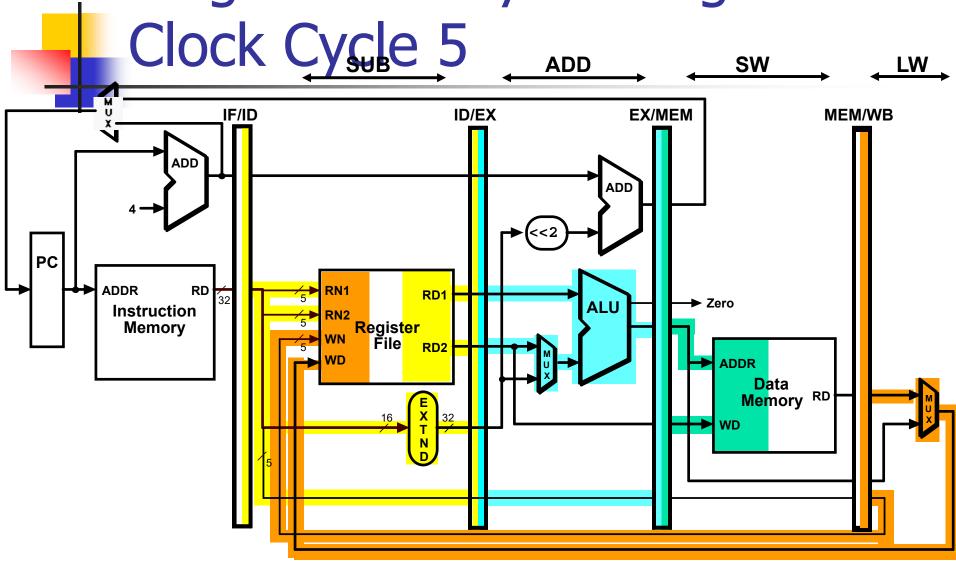


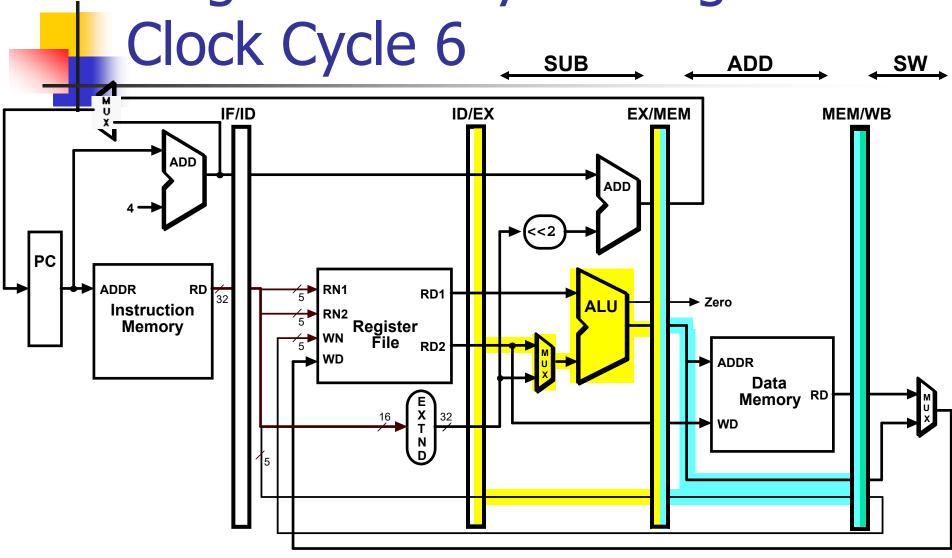
Single-Clock-Cycle Diagram: Clock Cycle 2

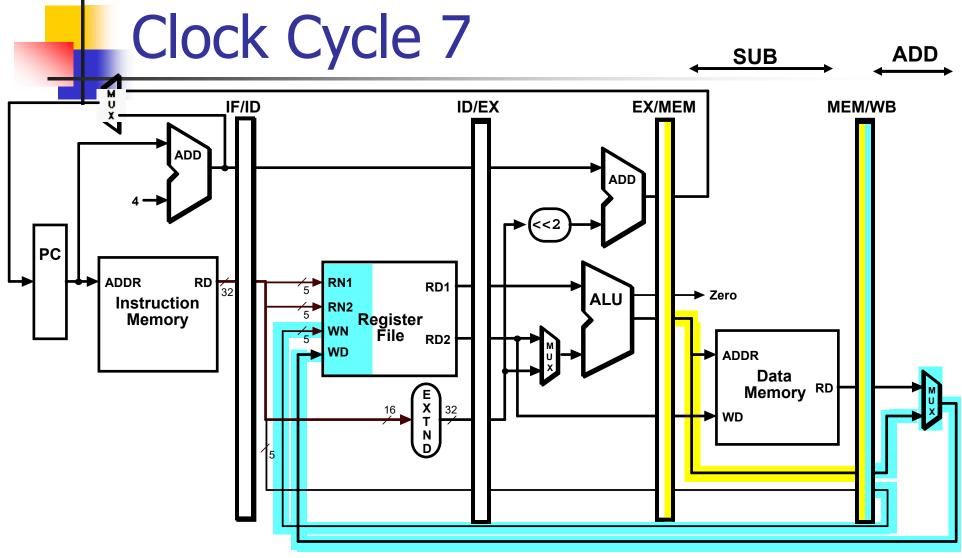




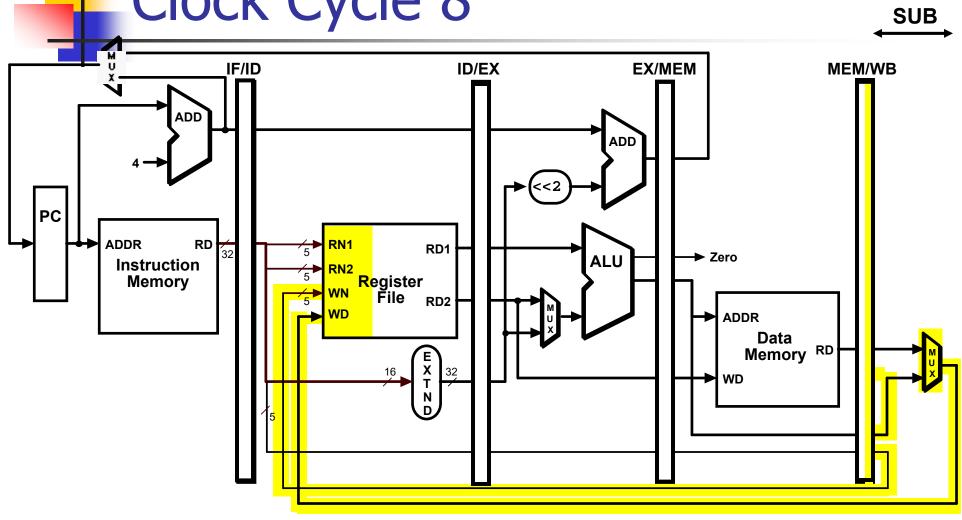








Single-Clock-Cycle Diagram: Clock Cycle 8



Alternative View – Multiple-Clock-Cycle Diagram

