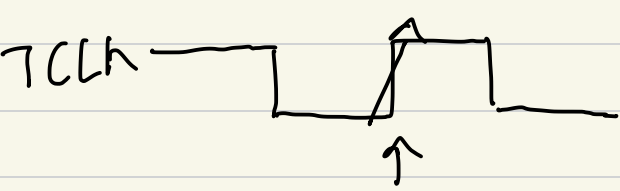
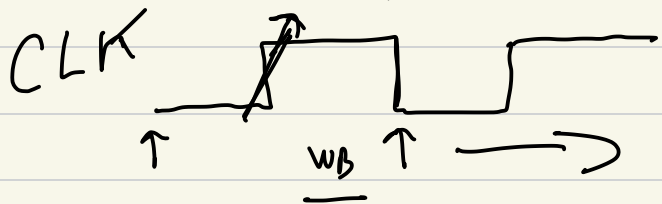
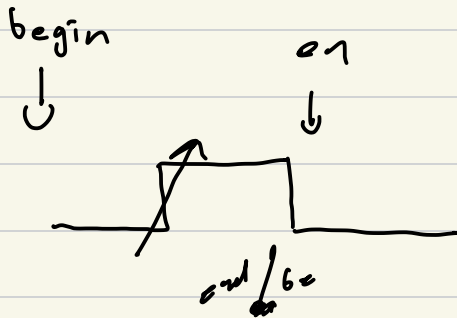
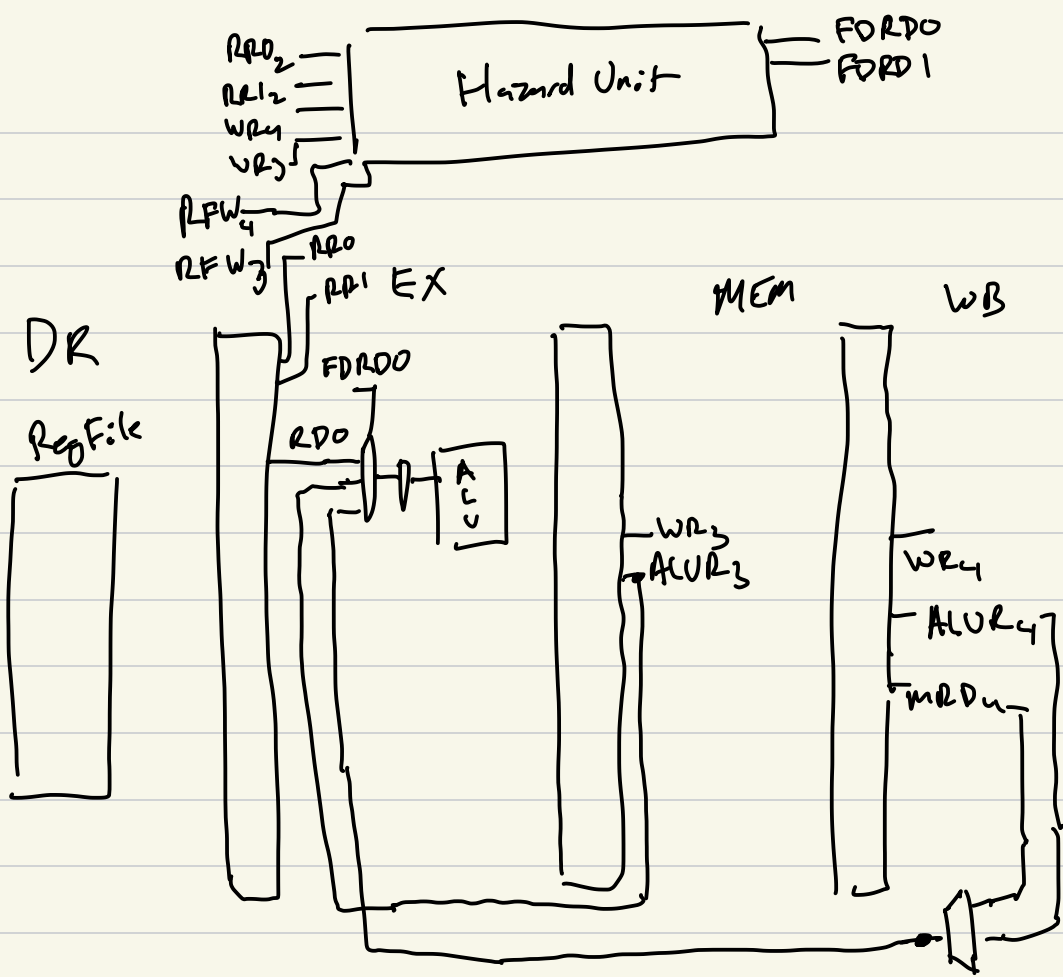


CS315-01 Lab Pipeline Forwarding



li a1, 1	li a1, 1
li a2, 2	li a2, 2
add a0, a1, a2	add a0, a2, a1
li a1, 99	
add a0, a1, a1	



Forwarding for RDO₂

→ li a1, 13

→ li a1, 99

if ($(WR_3 == RDO_2) \wedge (RFW_3 == 1)$) { address a0, a1, a1

[FDRD0 = 1

comparators

> else if ($(WR_4 == RDO_2) \wedge (RFW_4 == 1)$) {

[FDRD0 = 2

else {

FOR DO = 0

}