

lw \$1, \$0, 1	IF	ID	EX	MEM	WB																			
lw \$7, \$0, 0		IF	ID	EX	MEM	WB																		
and \$2, \$2, \$0			IF	ID	EX	MEM	WB																	
addi \$3, \$1, -1				IF	ID	EX	MEM	WB																
addi \$4, \$0, 2					IF	ID	EX	MEM	WB															
add \$5, \$2, \$3						IF	ID	EX	MEM	WB														
sra \$5, \$5, 1							IF	ID	EX	MEM	WB													
add \$6, \$5, \$4								IF	ID	EX	MEM	WB												
lw \$6, \$6, 0									IF	ID	EX	MEM	WB											
bgt \$2, \$3, 8										IF	ID	EX	MEM	WB										
beq \$6, \$7, 6											IF	ID	EX	MEM	WB									
bgt \$6, \$7, 1											IF	ID	EX	MEM	WB									
blt \$6, \$7, 2												IF	ID	EX	MEM	WB								
addi \$3, \$5, -1													IF	ID	EX	MEM	WB							
beq \$0, \$0, -10														IF	ID	EX	MEM	WB						
addi \$2, \$5, 1															IF	ID	EX	MEM	WB					
beq \$0, \$0, -12																IF	ID	EX	MEM	WB				
add \$1, \$5, \$0																	IF	ID	EX	MEM	WB			
beq \$0, \$0, 1																		IF	ID	EX	MEM	WB		
addi \$1, \$0, -1																			IF	ID	EX	MEM	WB	

Ok if writing on falling edge
2 NoOps before
2 NoOps so ID happens at the same time with prev WB
same
3 after
same / 3 after
it's fine / 3 after
3 after
3 after
3 after
3 after