

Reset feature	hold reset, then clk
lw \$8, 71(\$2)	$\$8 = 7$
sw \$7, 71(\$2)	No output to show
lw \$7, 0(\$0)	Should skip
j end	
sub \$7, \$7, \$2	$\$7 = C - 5 = 7$
add \$7, \$6, \$5	$\$7 = 1 + 11 = C$
slt \$6, \$7, \$2	$\$7 < \$2, \$6 = 1$
around:	
addi \$5, \$0, 10	Should Skip
beq \$6, \$0, around	$\$6 == \$0 \rightarrow \text{around}$
slt \$6, \$3, \$4	$\$3 > \$4, \$6 = 0$
beq \$5, \$7, end	$\$5 == \$7 \rightarrow \text{end}$
add \$5, \$5, \$4	$\$5 = 4 + 7 = b$
and \$5, \$3, \$4	$\$5 = 1100 \& 0111$ $= 0100 = 4$
or \$4, \$7, \$2	$\$4 = 101 \parallel 011$ $= 111 = 7$
addi \$3, \$0, 0xC	$\$3 = C$
addi \$7, \$0, 3	$\$7 = 3$
addi \$2, \$0, 5	$\$2 = 5$

