Program execution order (in instructions)

1. sub $2, $1, $3
2. and $12, $2, $5
3. or $13, $6, $2
4. add $14, $2, $2
5. sw $15, 100($2)

Value of register $2: 10 10 10 10/ -20 -20 -20 -20 -20
Value of EX/MEM: X X X -20 X X X X X
Value of MEM/WB: X X X X -20 X X X X X

Time (in clock cycles)