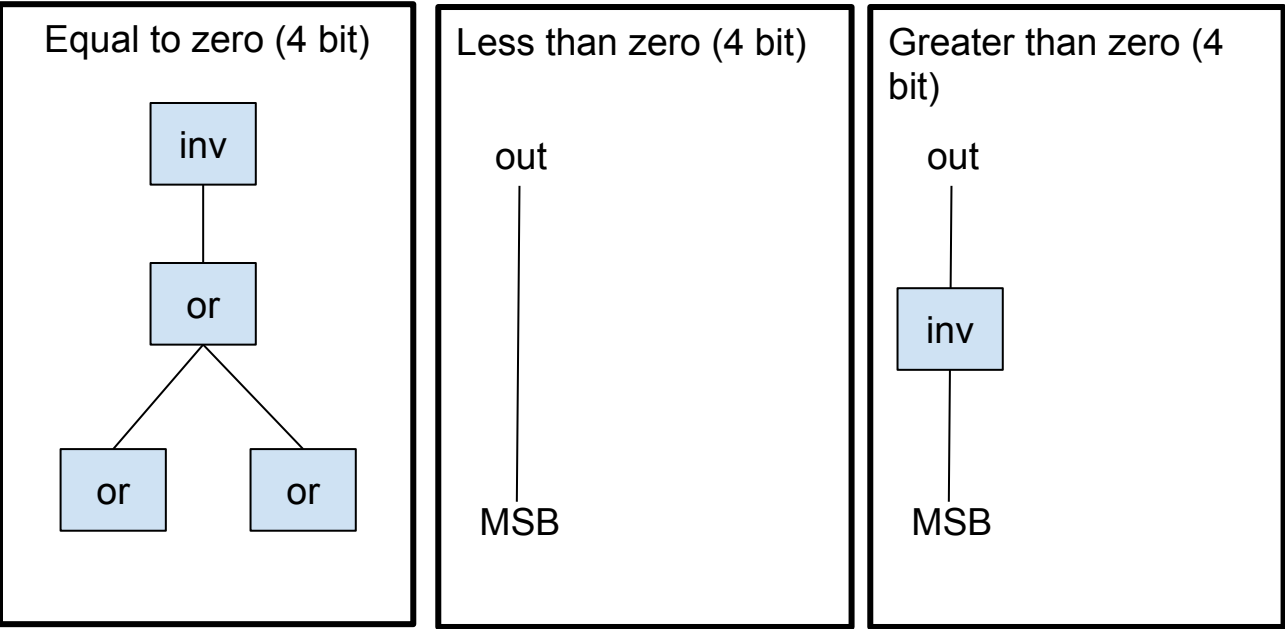
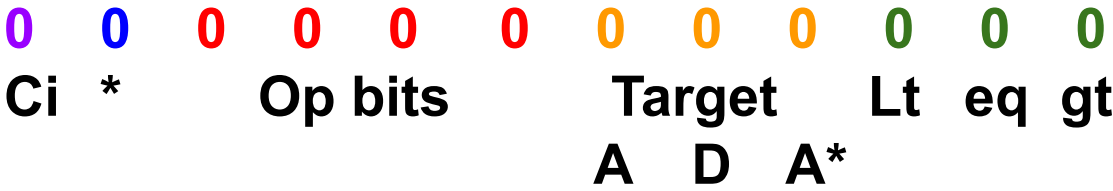


Condition



Instruction:



Operations:

Bits 0 and 1 of the op bits refer to the actual operation being performed.

00 - NOT(D)  
01 - AND(D,A)  
10 - ADD(D+A)  
11 - OR(D,A)

Bits 3 and 4 refer to SW and ZX  
SW -> (D->A, A->D), ie: NOT(D) -> NOT(A)  
ZX -> (D->0, A->A), ie: ADD(D+A) -> ADD (0+A)

Ci determines whether or not the instruction will call the ALU.

ALU Instruction

