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1. Subtract two numbers, if equal to 0, the equality test is complete.
2. There will be address select logic before address or incrementor message get to PC or IR, it will help decide which type of message it is by analyzing specific part of the op code.
3. $[L] \leftarrow [R1]$
 $[R] \leftarrow [R2]$
 $[A] \leftarrow [L] - [R] \ \& \ [STATUS] \leftarrow [L] - [R]$
 $[IP] \leftarrow [IR(\text{address})] \ \text{IF} \ [Status(\text{zero})] == 1$
4. Assume the bus is a word sized, 4 clock ticks