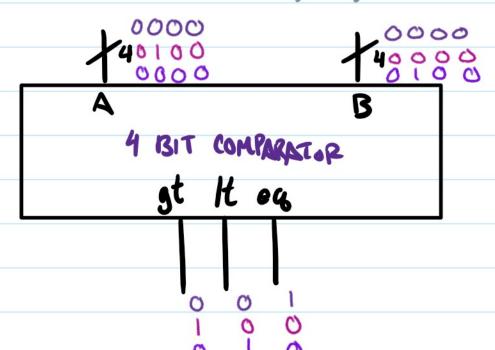
## Section 2 - Components - Comparator

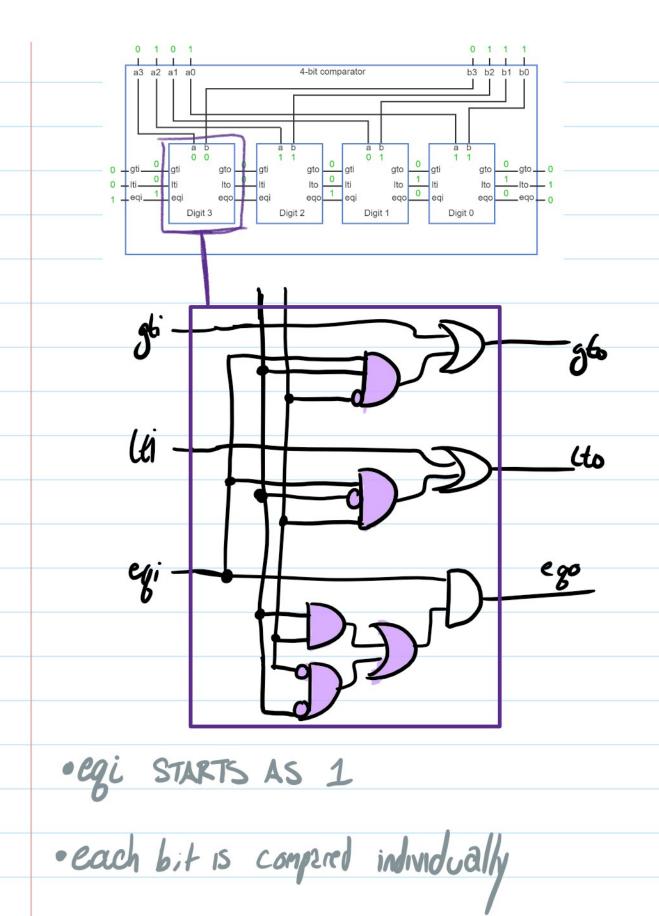
Wednesday, June 19, 2019 12:40 PM

## COMPARATOR





| a b | st | H | eq |  |
|-----|----|---|----|--|
| 0 0 | 0  | 0 | 1  |  |
| 0 1 | 0  |   | 0  |  |
| 10  | l  | 0 | 0  |  |
|     | O  | 0 |    |  |



HIGHLIGHTED GATES COMPARE THE
BIT AND CHECK IF EQT IS
SELECTED. THIS CHECKS IF ITS
THE BASE CASE & CAN BE
CHANGED