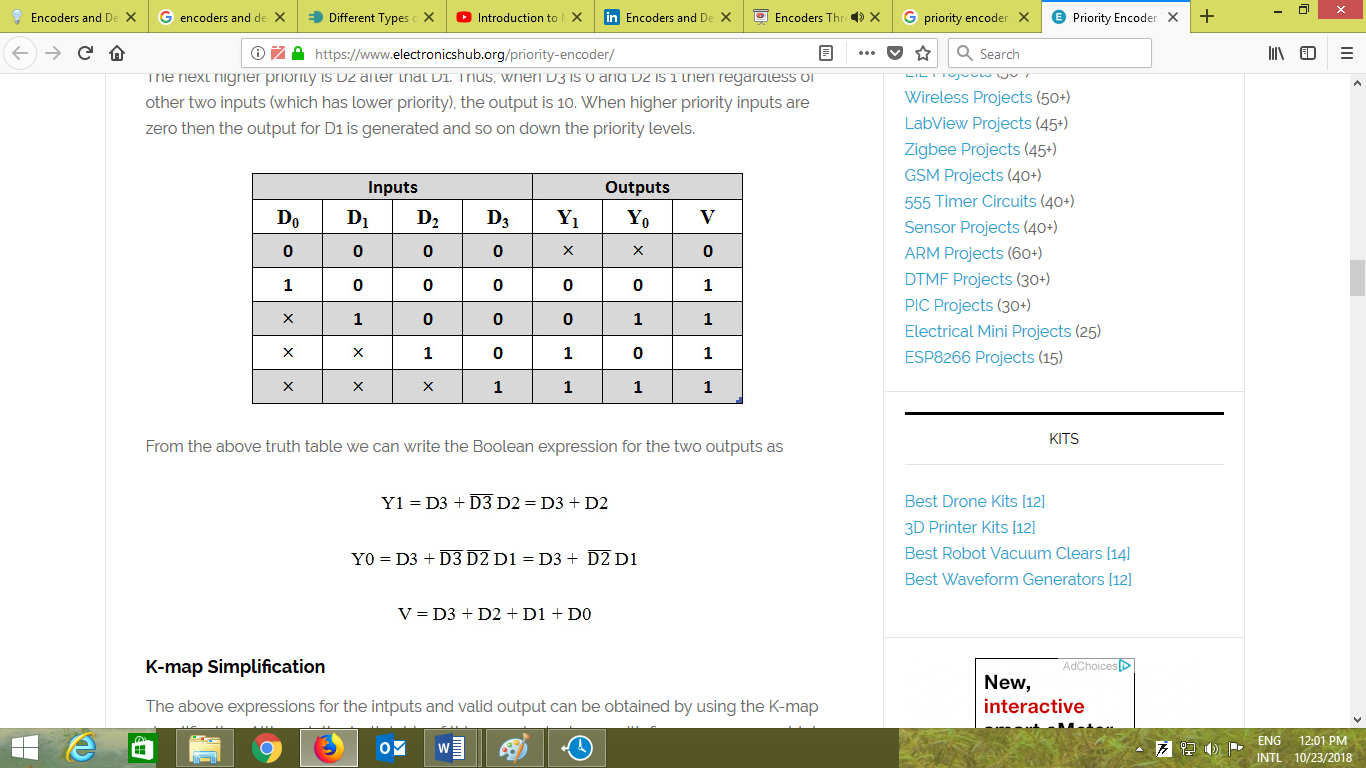
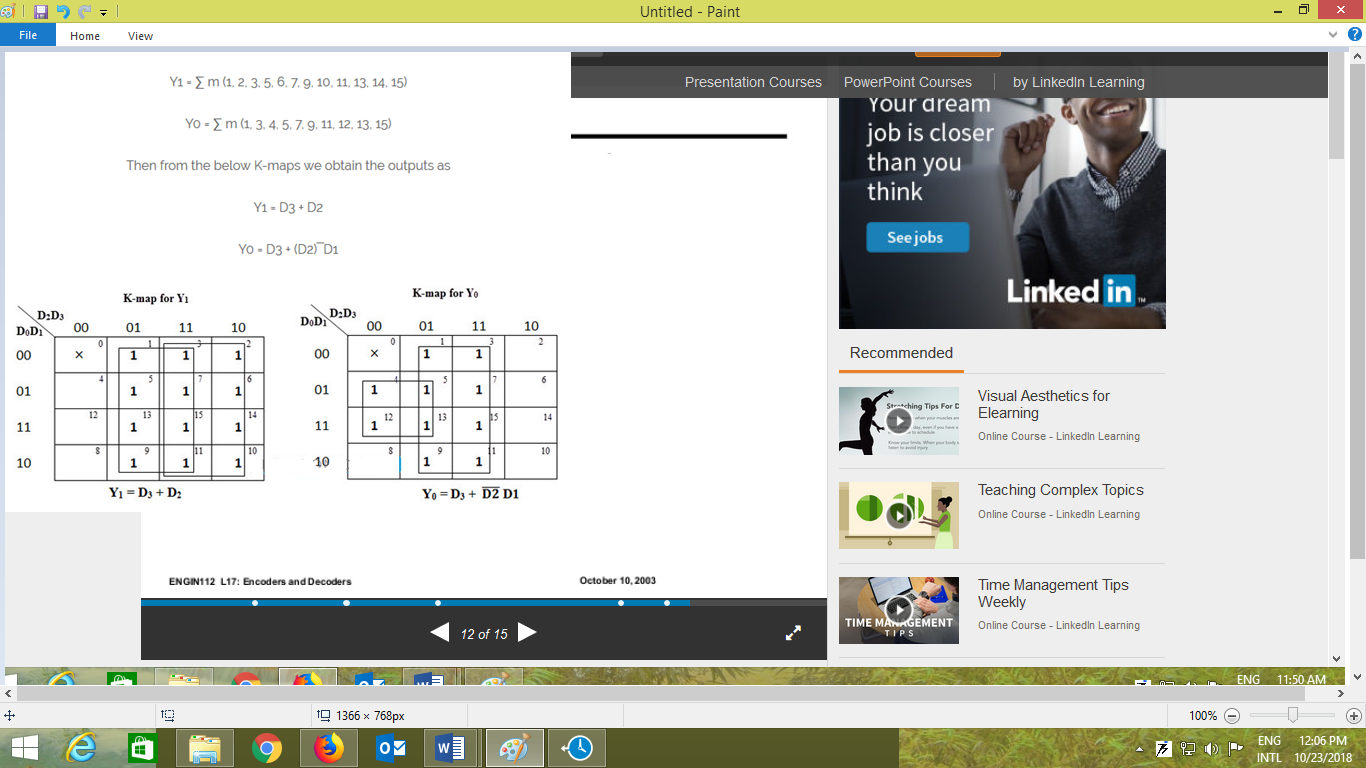
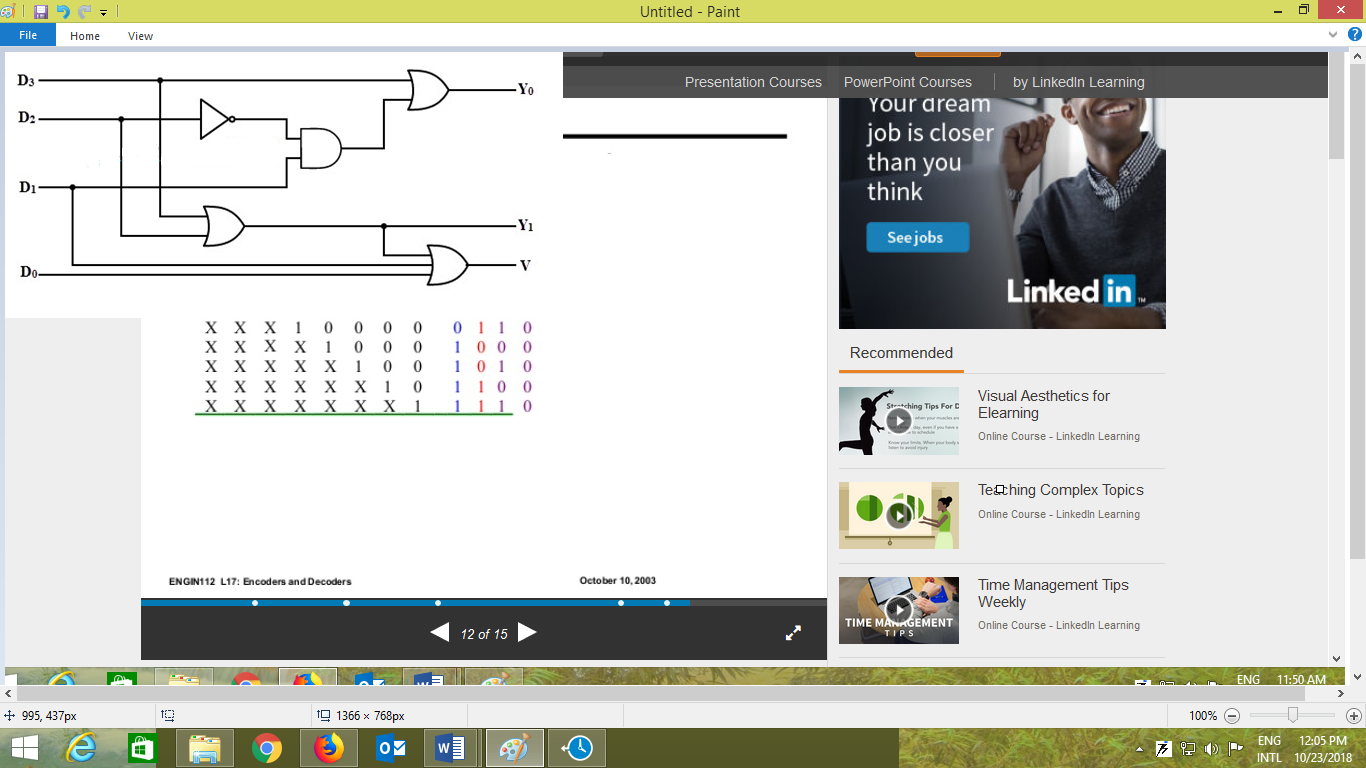
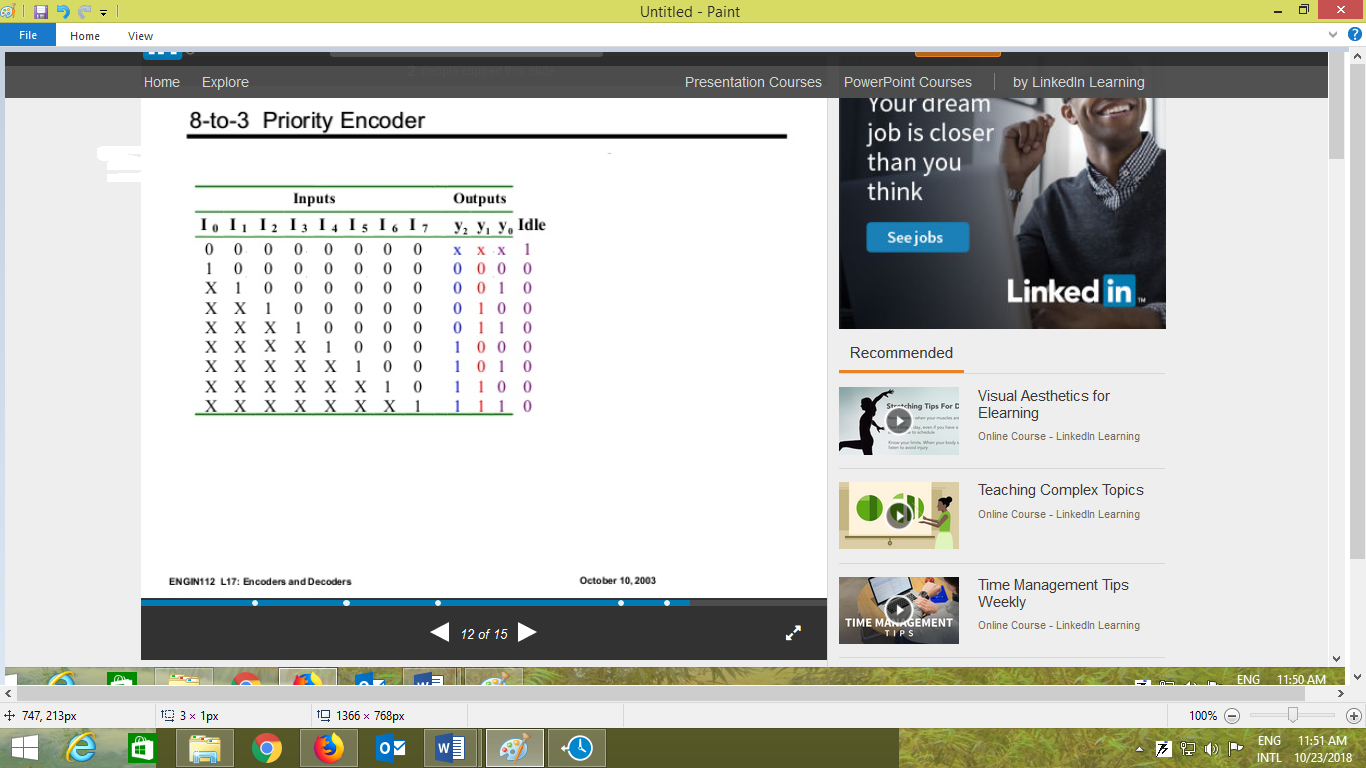


**PRIORITY ENCODER 4:2**



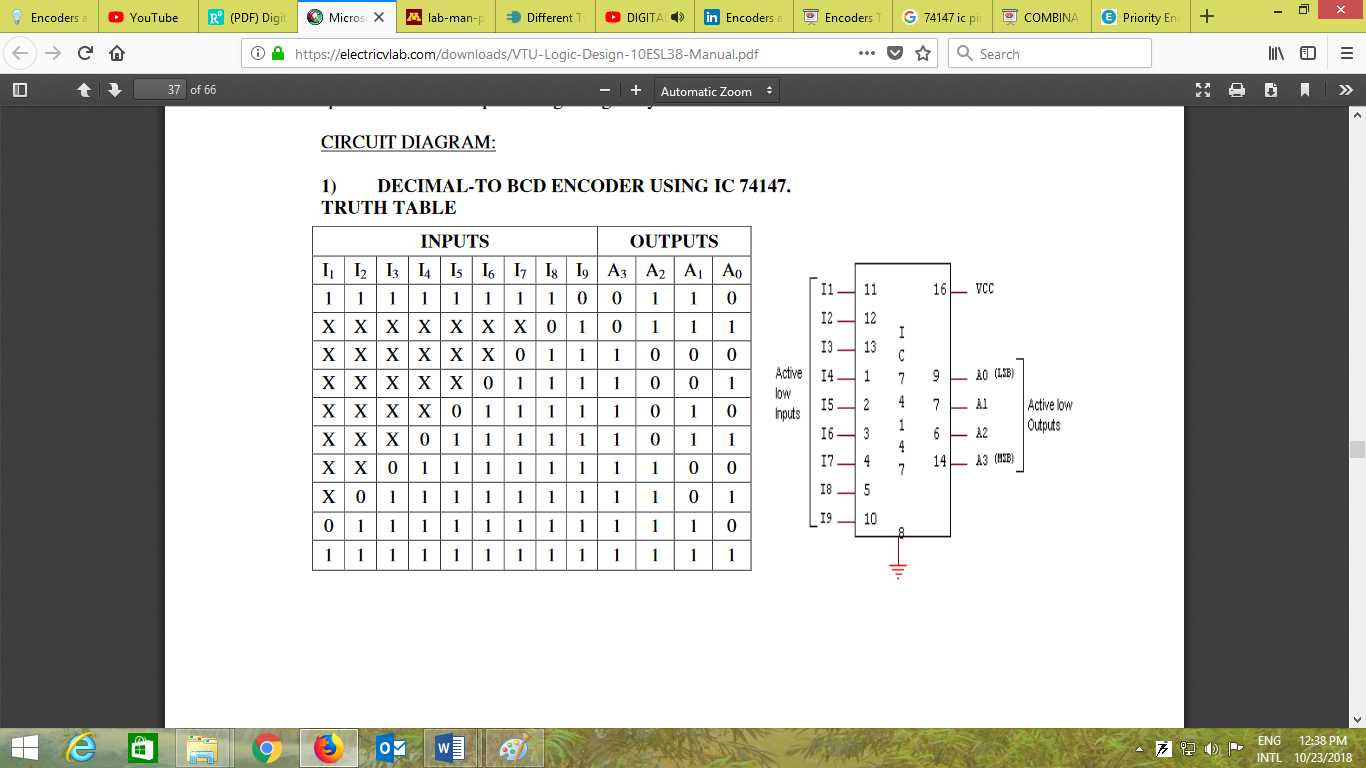


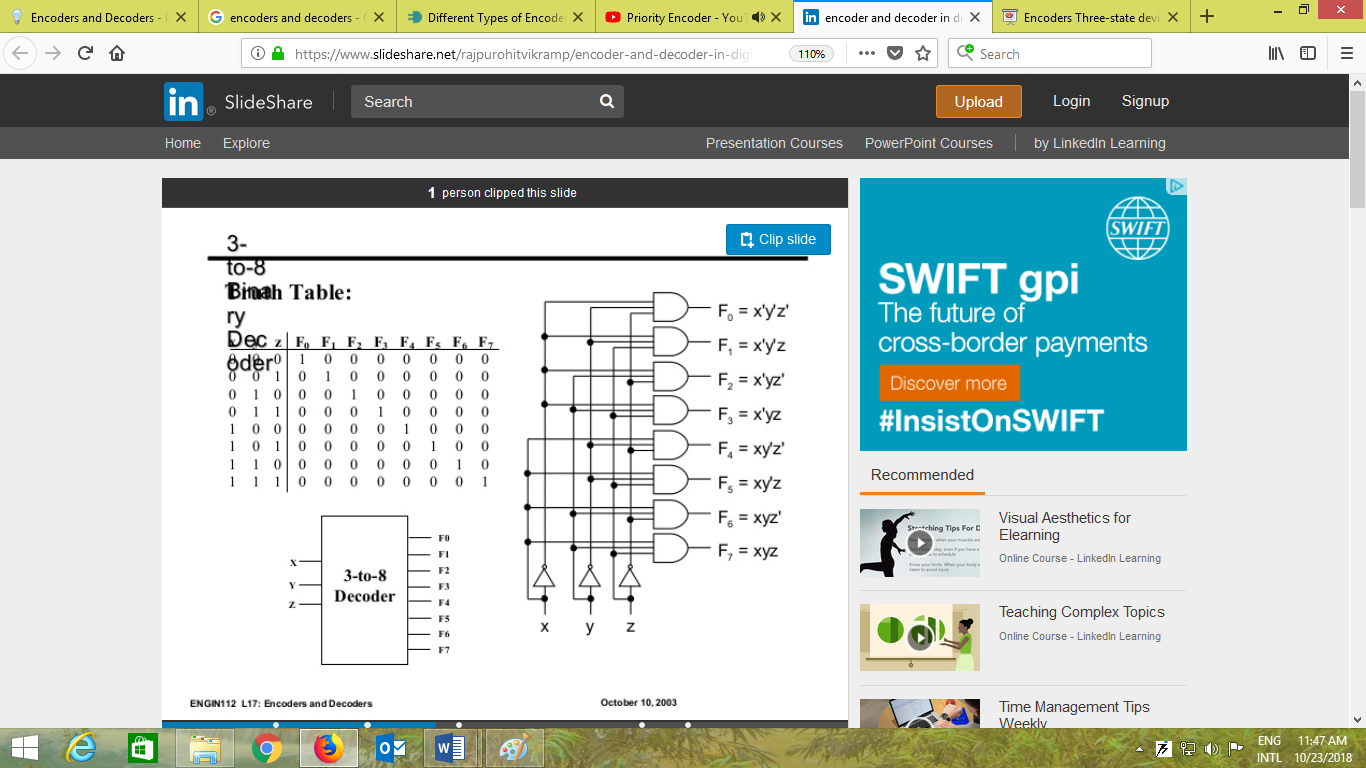
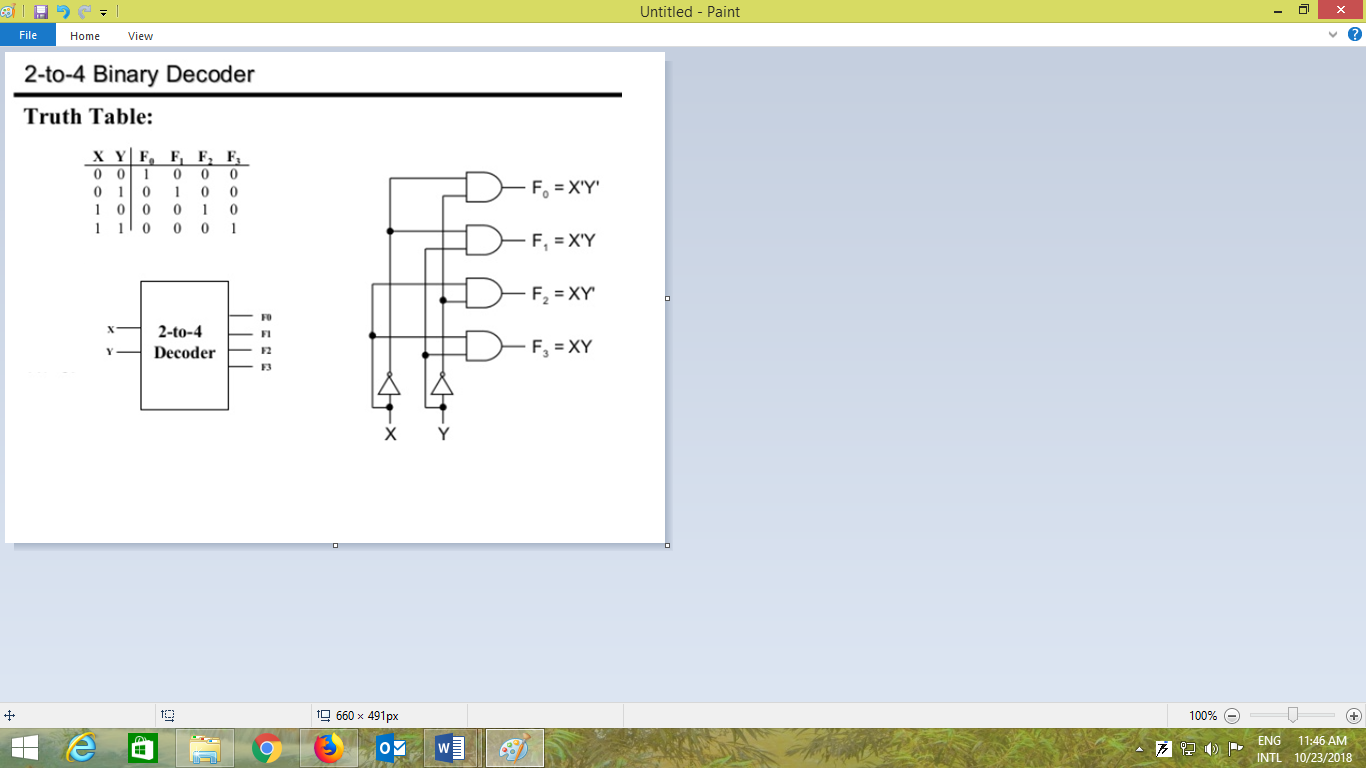




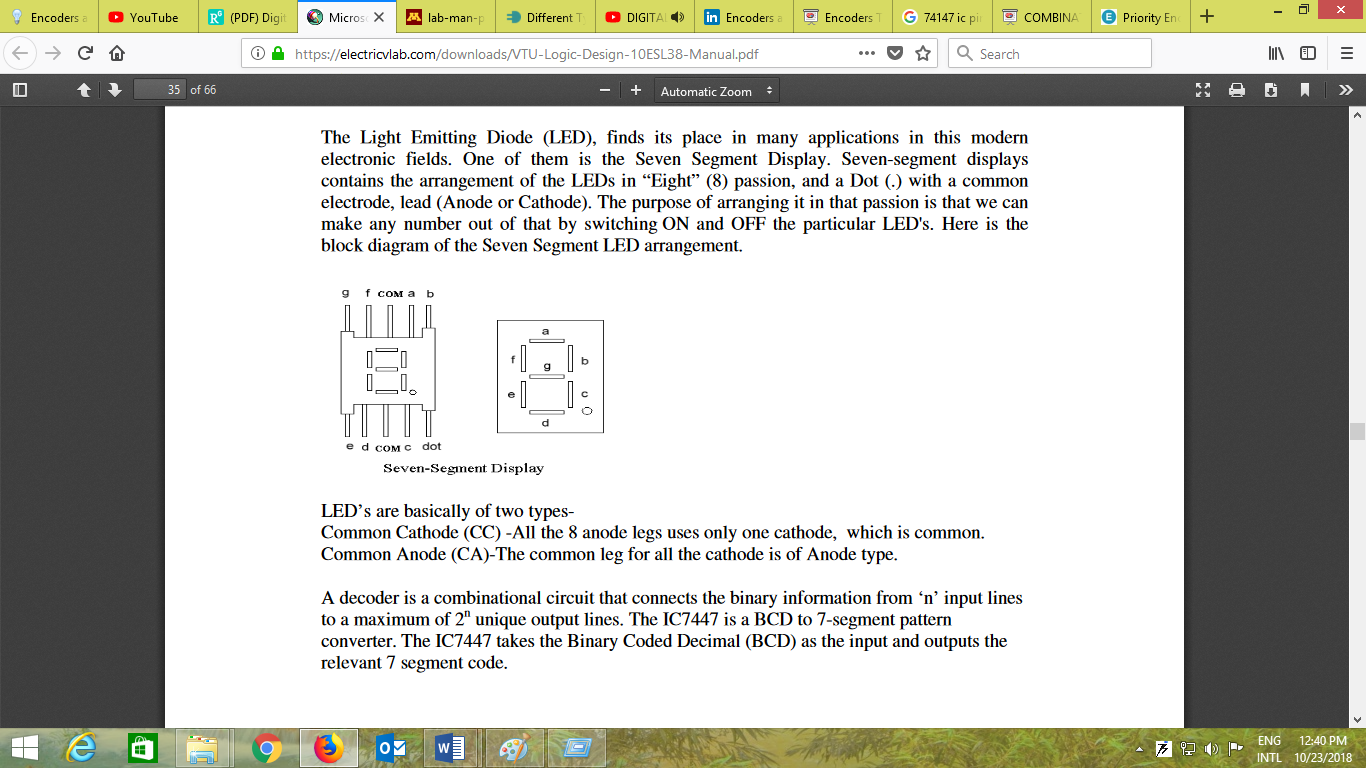
Active low signals are used in digital circuitry to reduce errors caused due to interference (noise).  
If we use active high signals interference caused due to noise is also considered as a signal, so we use active low signals to prevent errors.

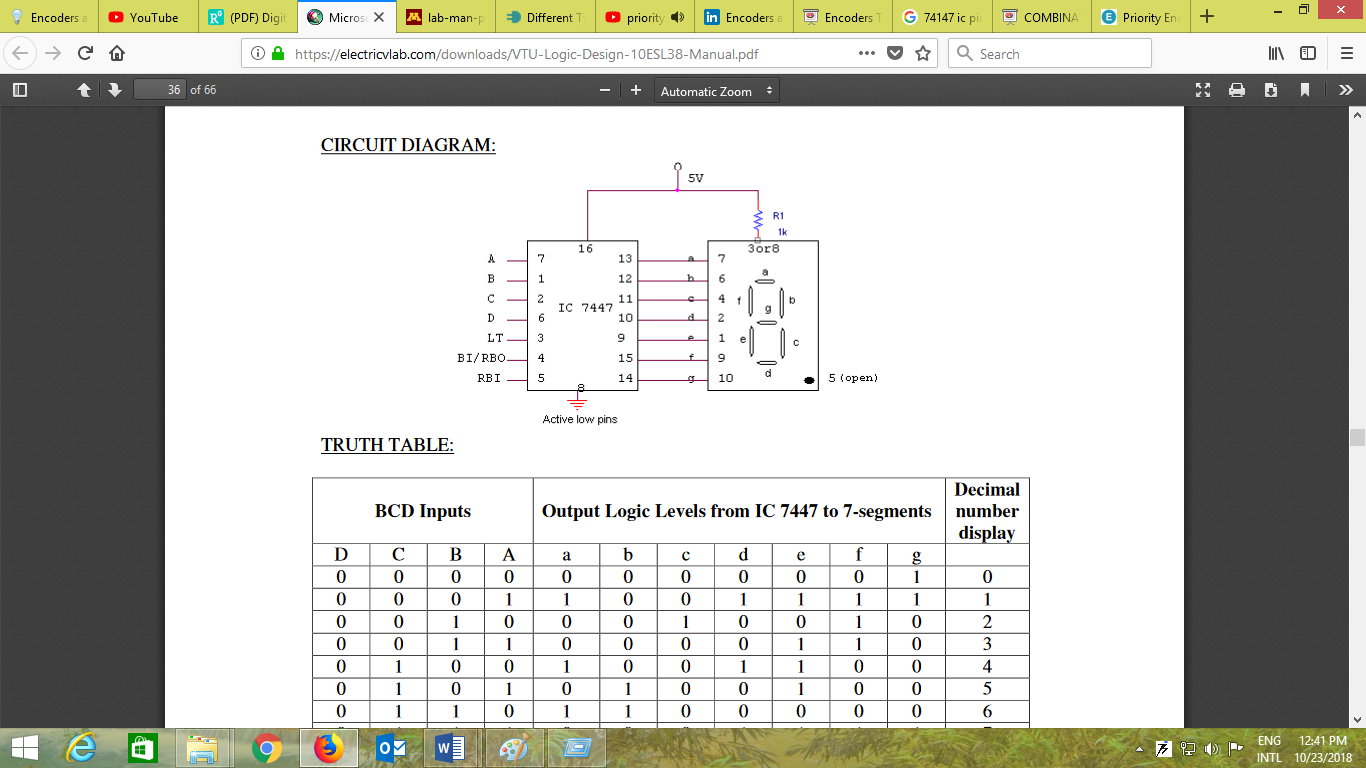
**DECIMAL TO BCD ENCODER (IC 74147)**





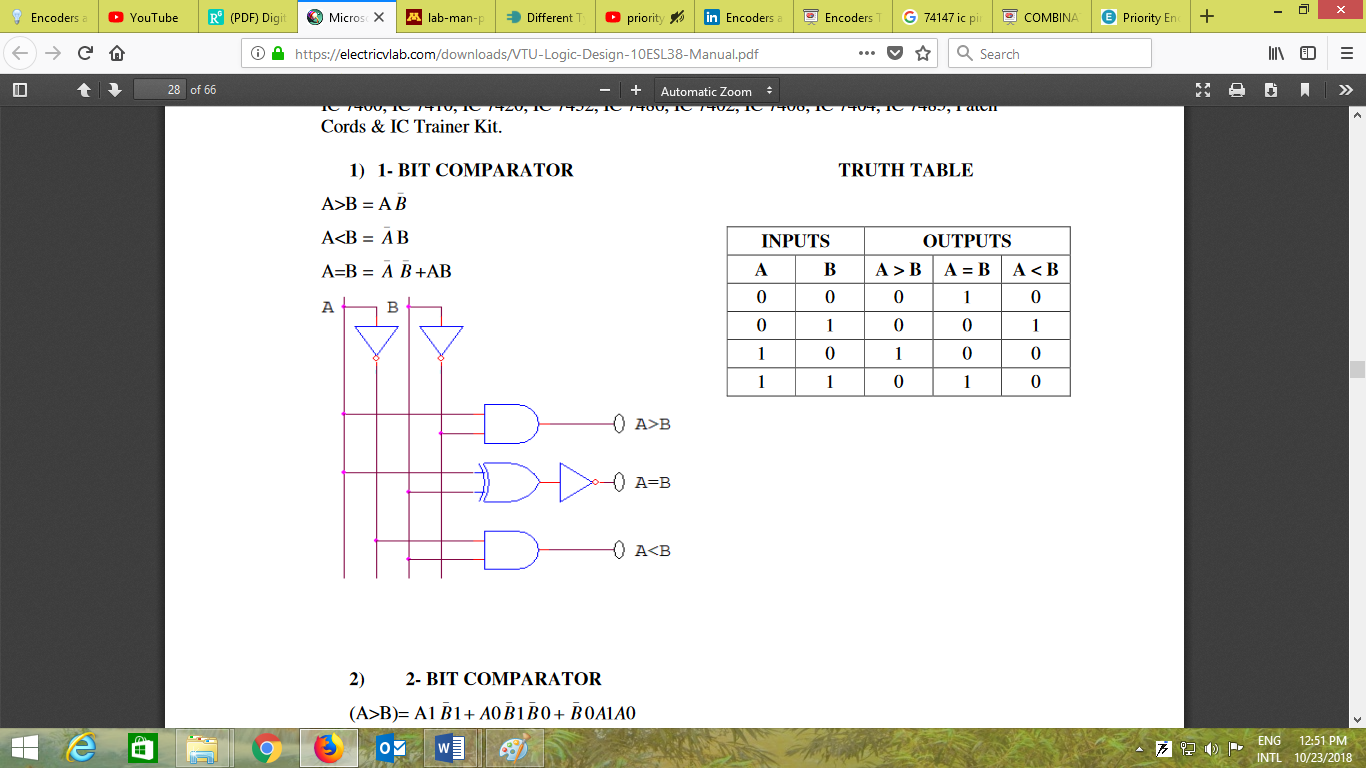
**BCD to SEVEN Segment display**



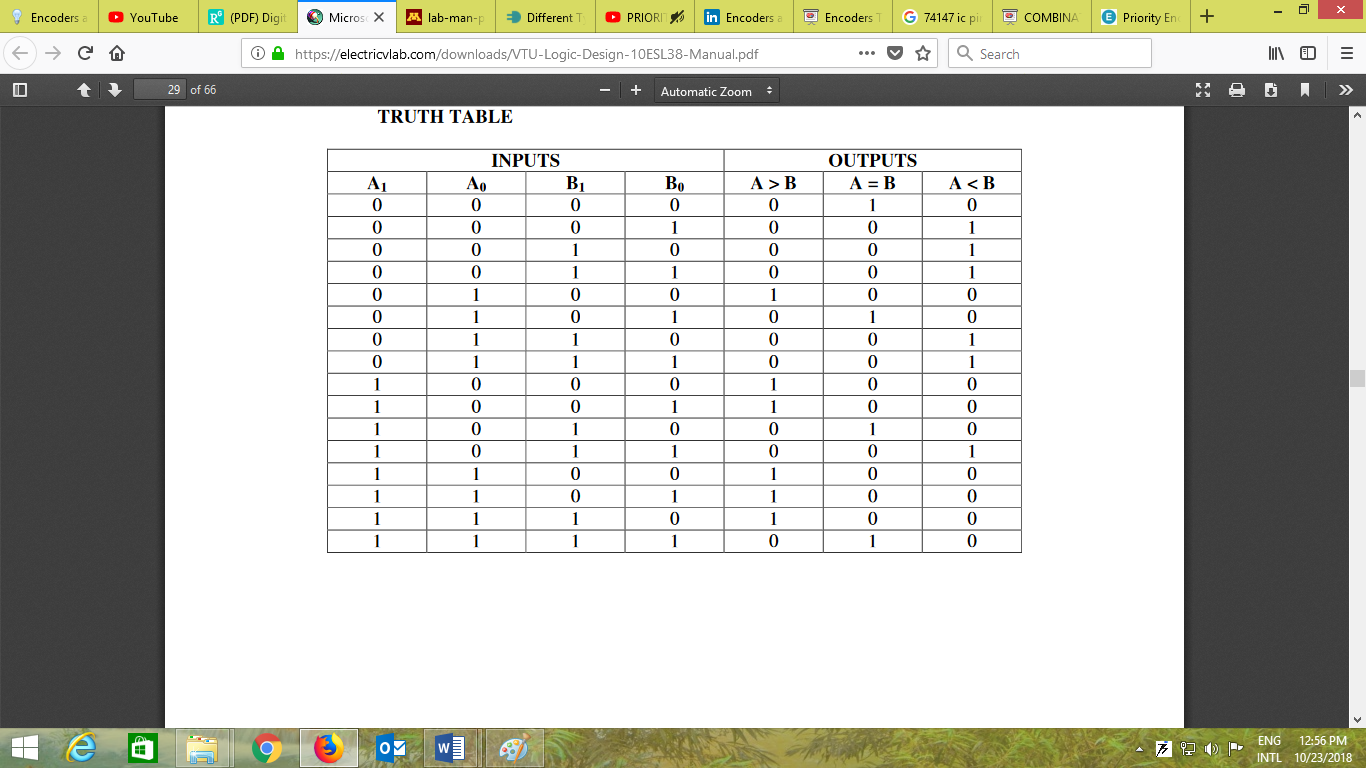


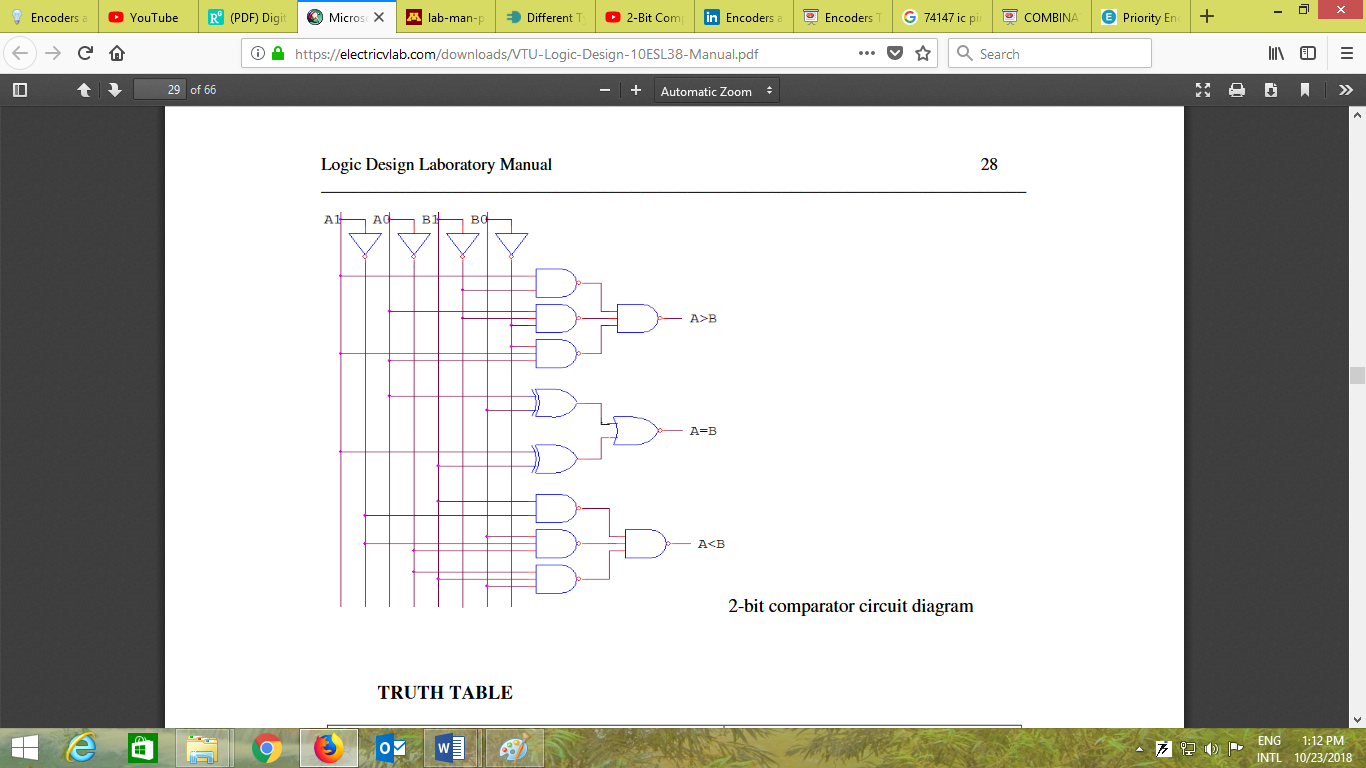


**Comparators**



**2-bit Comparators**





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