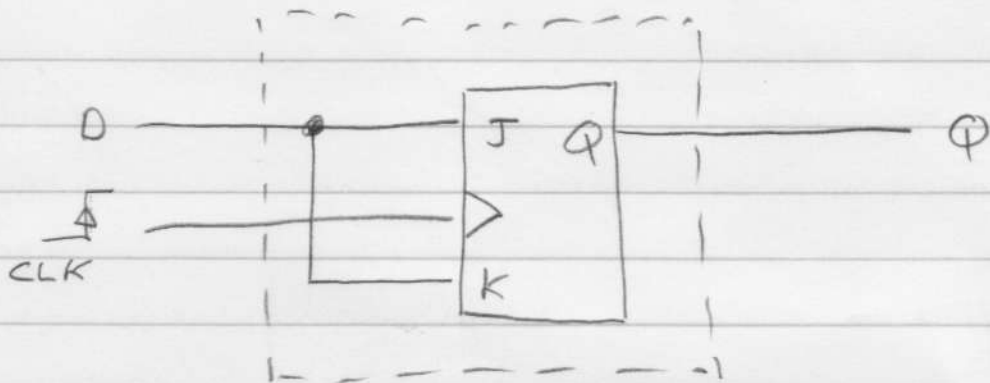
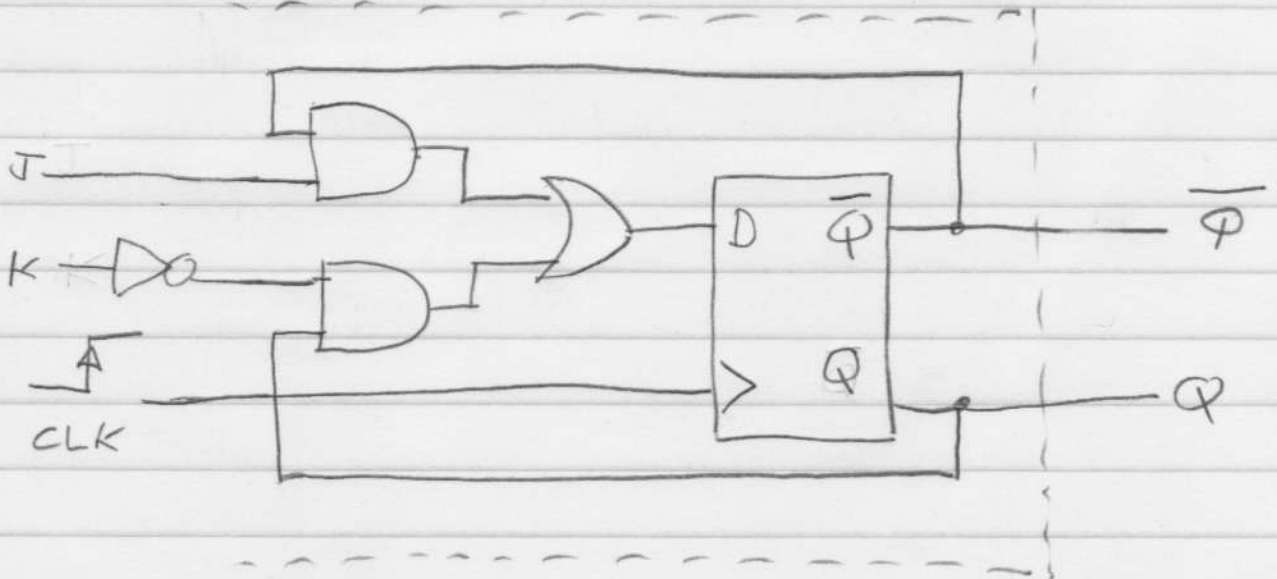


1. D-LATCH FROM J/K FF:

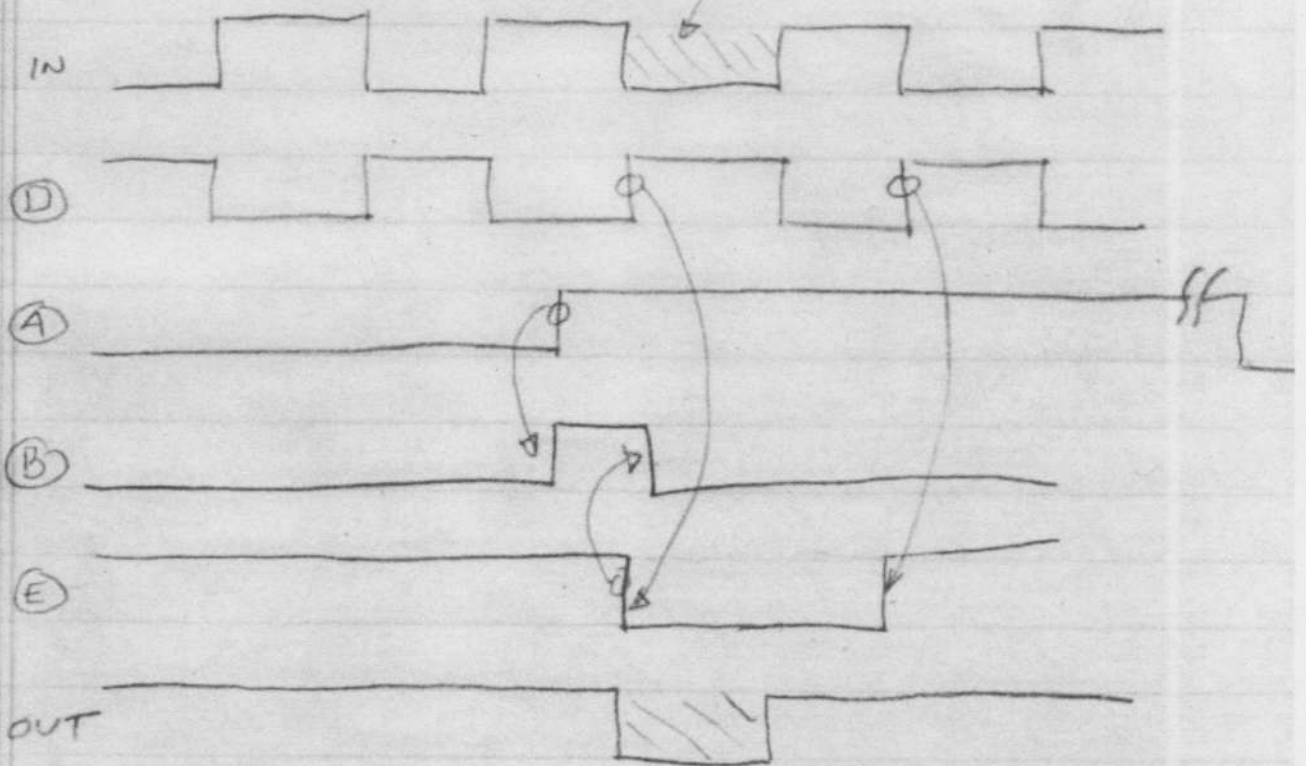
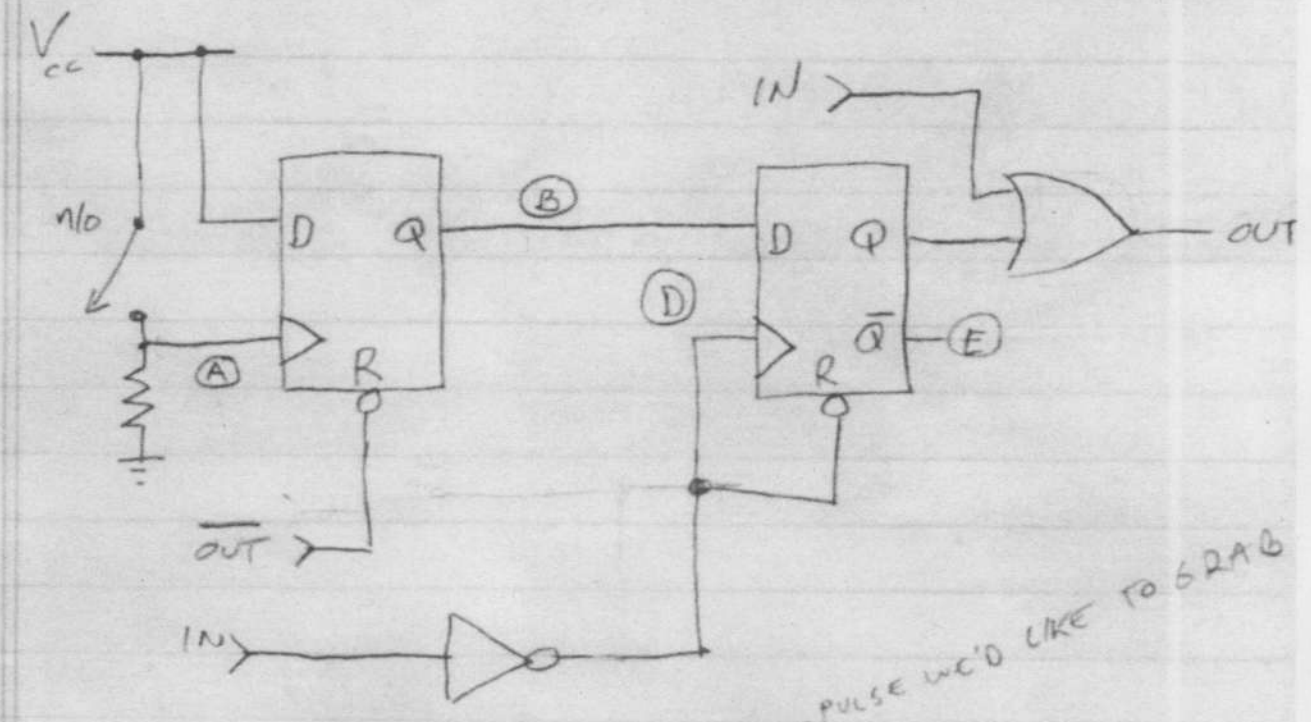


2. J/K FF FROM D-LATCH:  
WIRE-UP THE J/K FF IDENTITY

$$Q_{n+1} = J \cdot \bar{Q}_n + \bar{K} \cdot Q_n$$



3. "NEGATIVE-PULSE GRABBER". HERE'S ONE OF THE INFINITE WAYS TO DO IT.



THOUGHT QUESTION: WHAT WOULD "OUT" LOOK LIKE WITHOUT THE "OR" GATE?