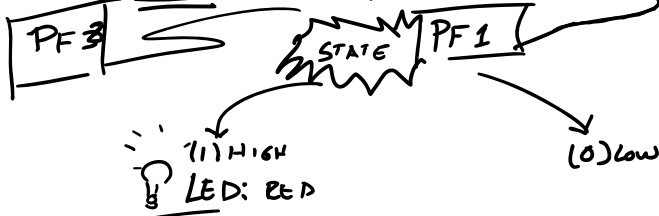


# LAB 7 PREP

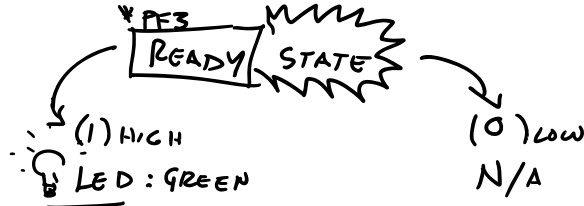
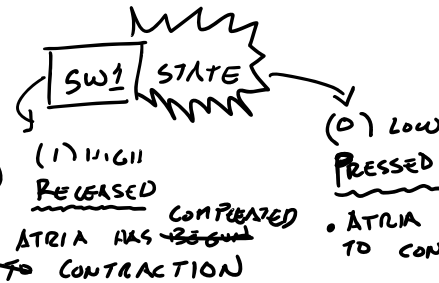
PF4

INPUT: ATRIAL SENSOR (AS)

OUTPUT: ① READY, ② VENTRICULAR TRIGGER (VT)



NOTES: READY SIGNAL IS INITIALLY HIGH



- ① SET READY SIGNAL HIGH  
SET VT LOW
- ② WAIT FOR AS (PF4) TO BE LOW (0)  
PF4 = SW1 \* PRESSED \*
- ③ REACT TO SW1 (0) BY MAKING READY SIGNAL LOW
- ④ WAIT 10 (MS) TO DEBOUNCE SW1
- ⑤ WAIT FOR AS (PF4) TO BE HIGH (1)  
PF4 = SW1 \* RELEASED \*
- ⑥ WAIT 250 MS \* DELAY \*
- ⑦ VT = 1
- ⑧ WAIT 250 MS ⑨ VT = 0