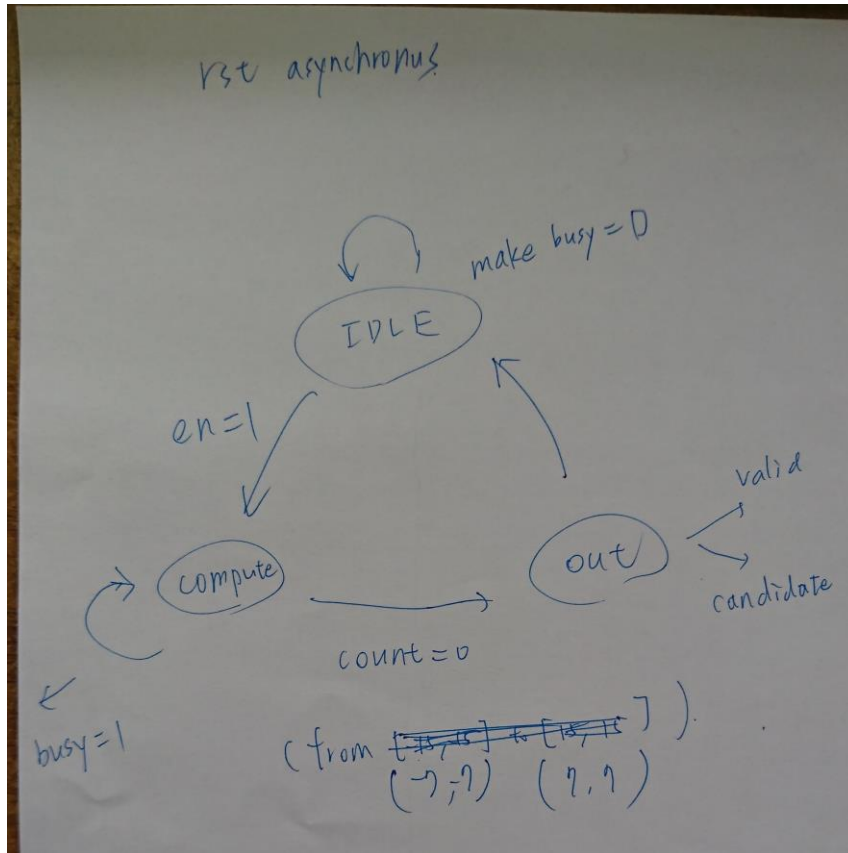HW3 report

FSM:

Screenshot: