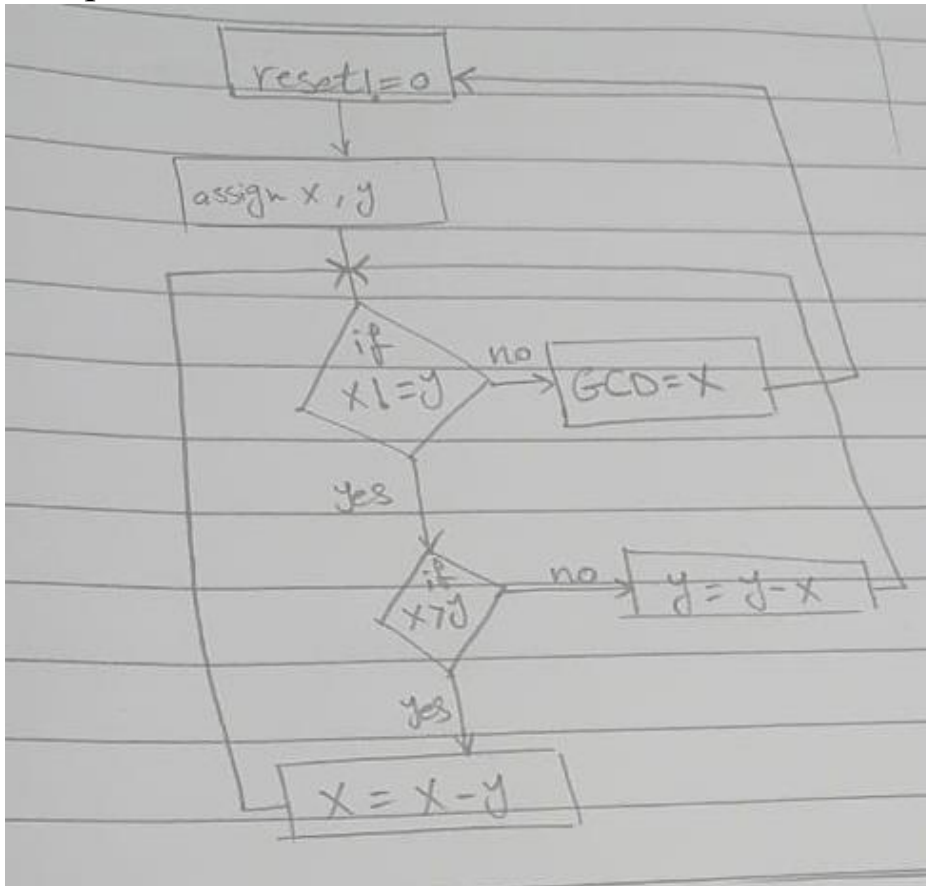
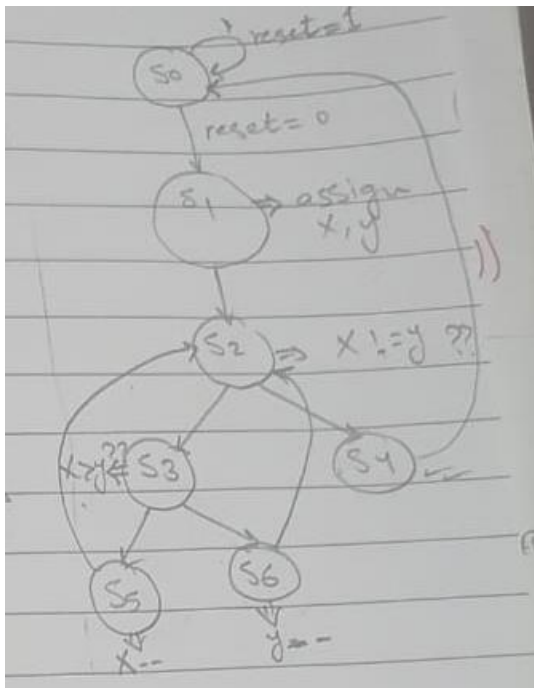


❖ Datapath:



❖ FSM/Controller: "before improvement"



❖ FSM/Controller: "after improvement"

