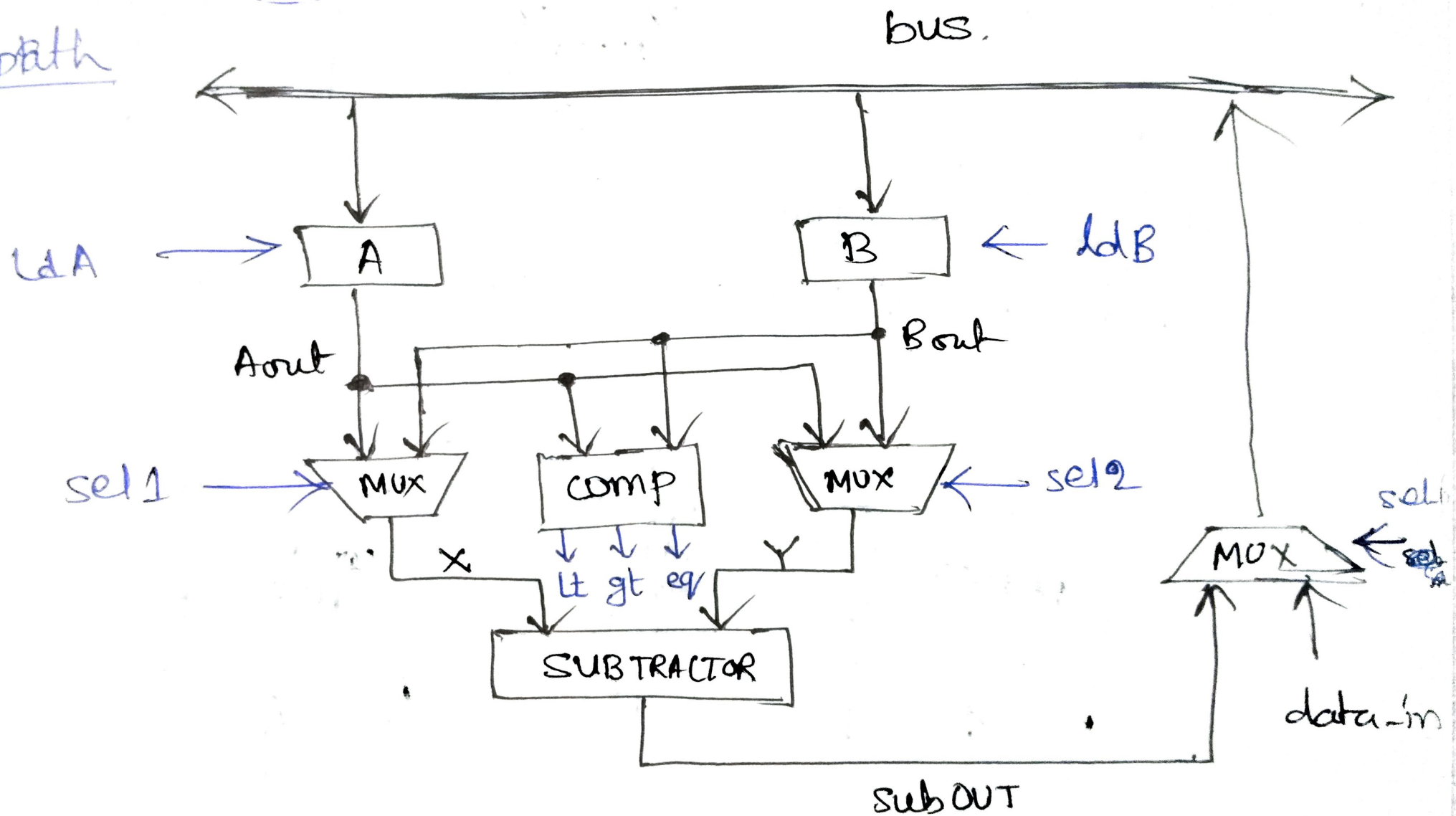
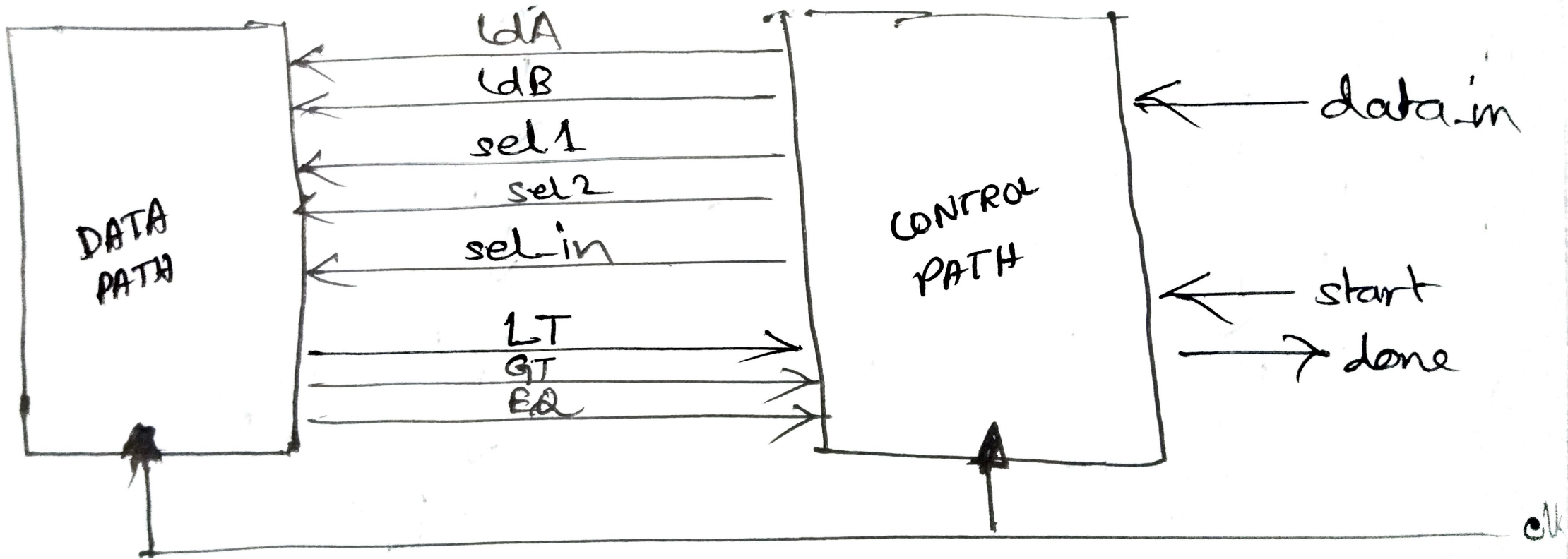


# Datapath





start (S0)

A = data-in (S1)

B = data-in (S2)

Aout : Bout

=

done = 1

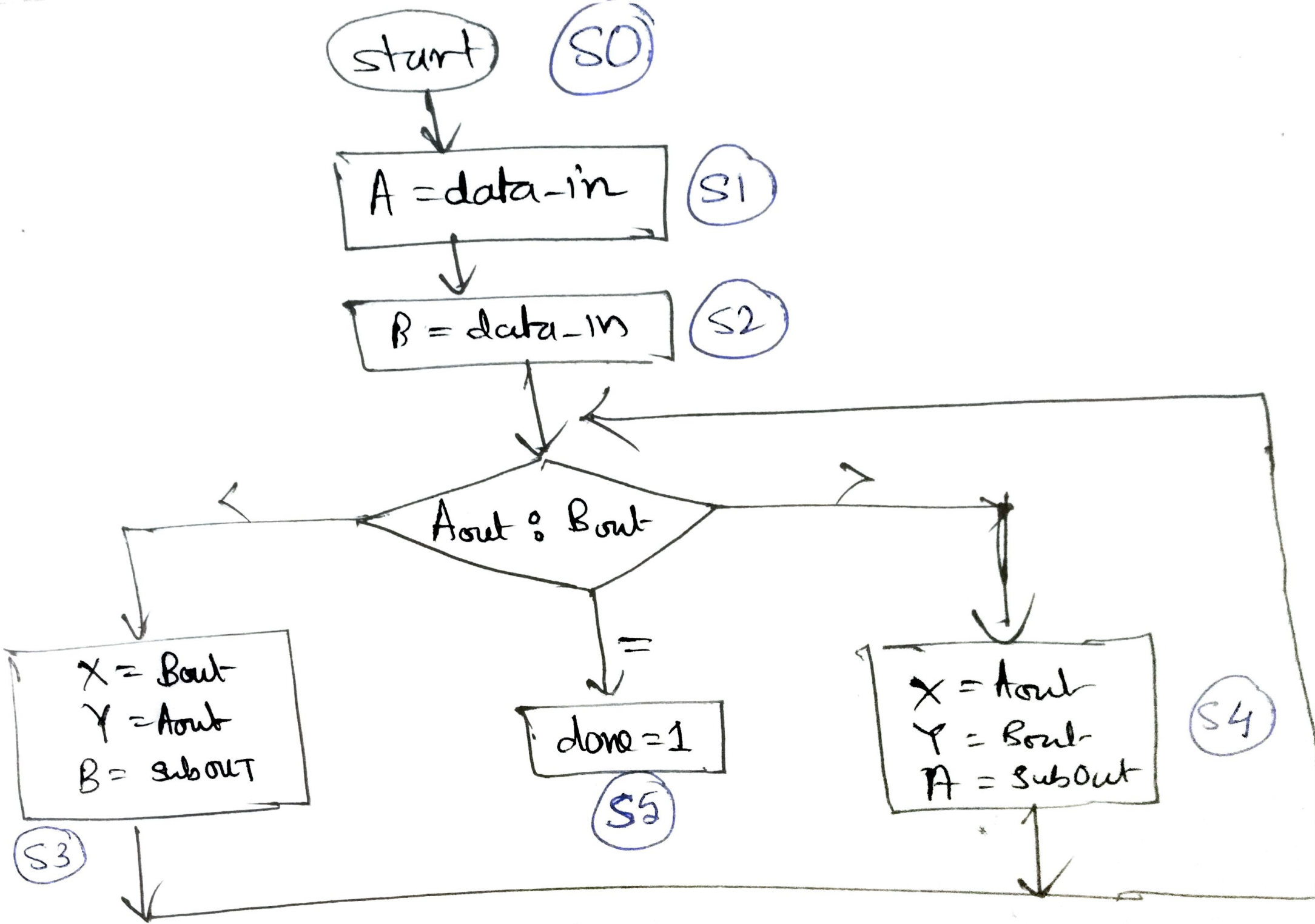
(S5)

X = Bout  
Y = Aout  
B = subout

(S3)

X = Aout  
Y = Bout  
A = subout

(S4)



state diagram

