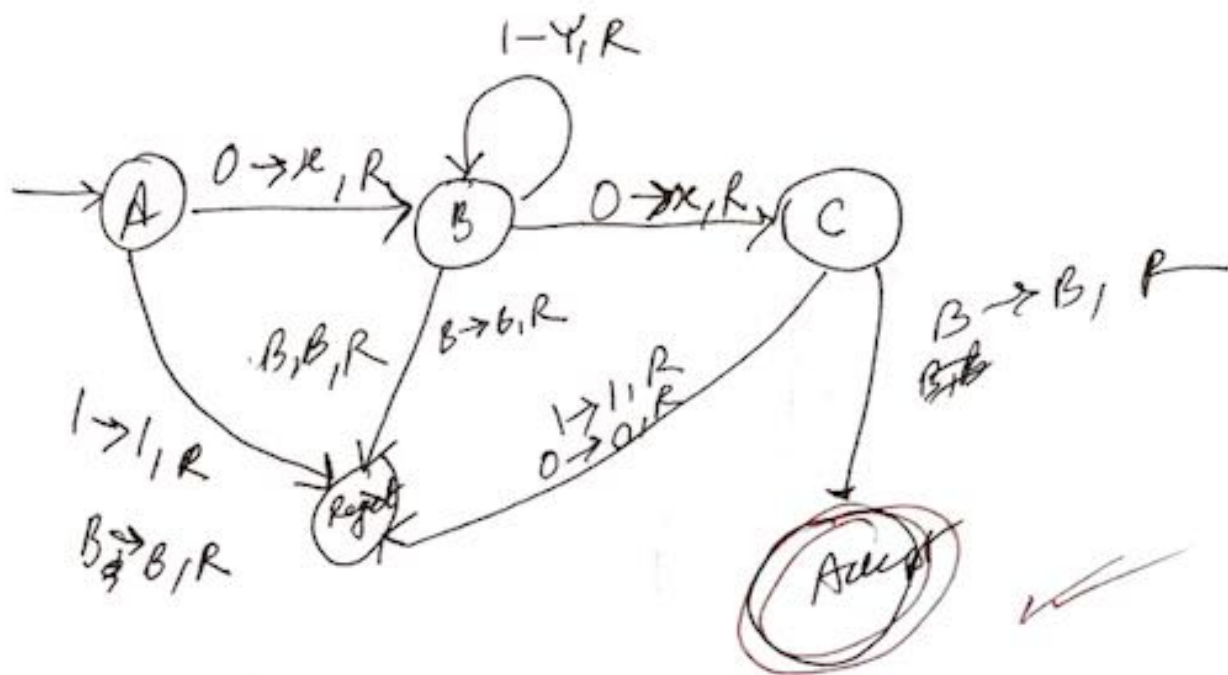


$L \rightarrow 01^*0$



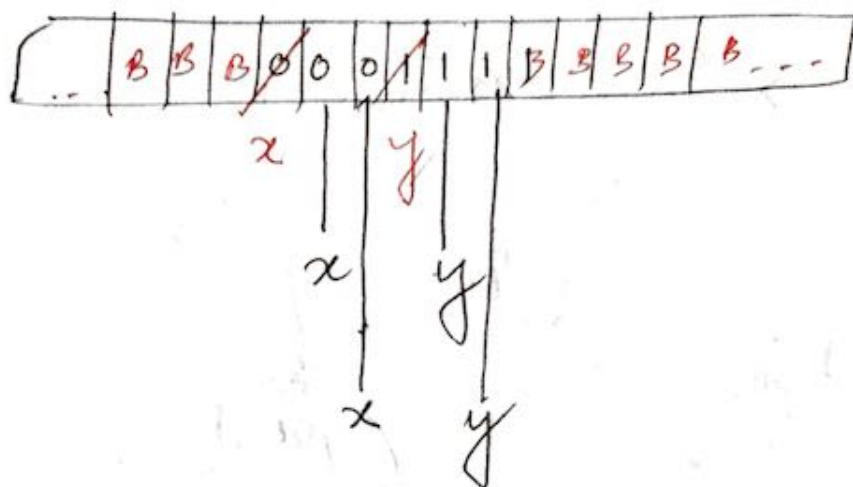
State :

Rules:

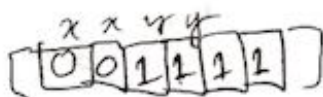
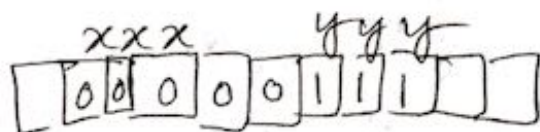
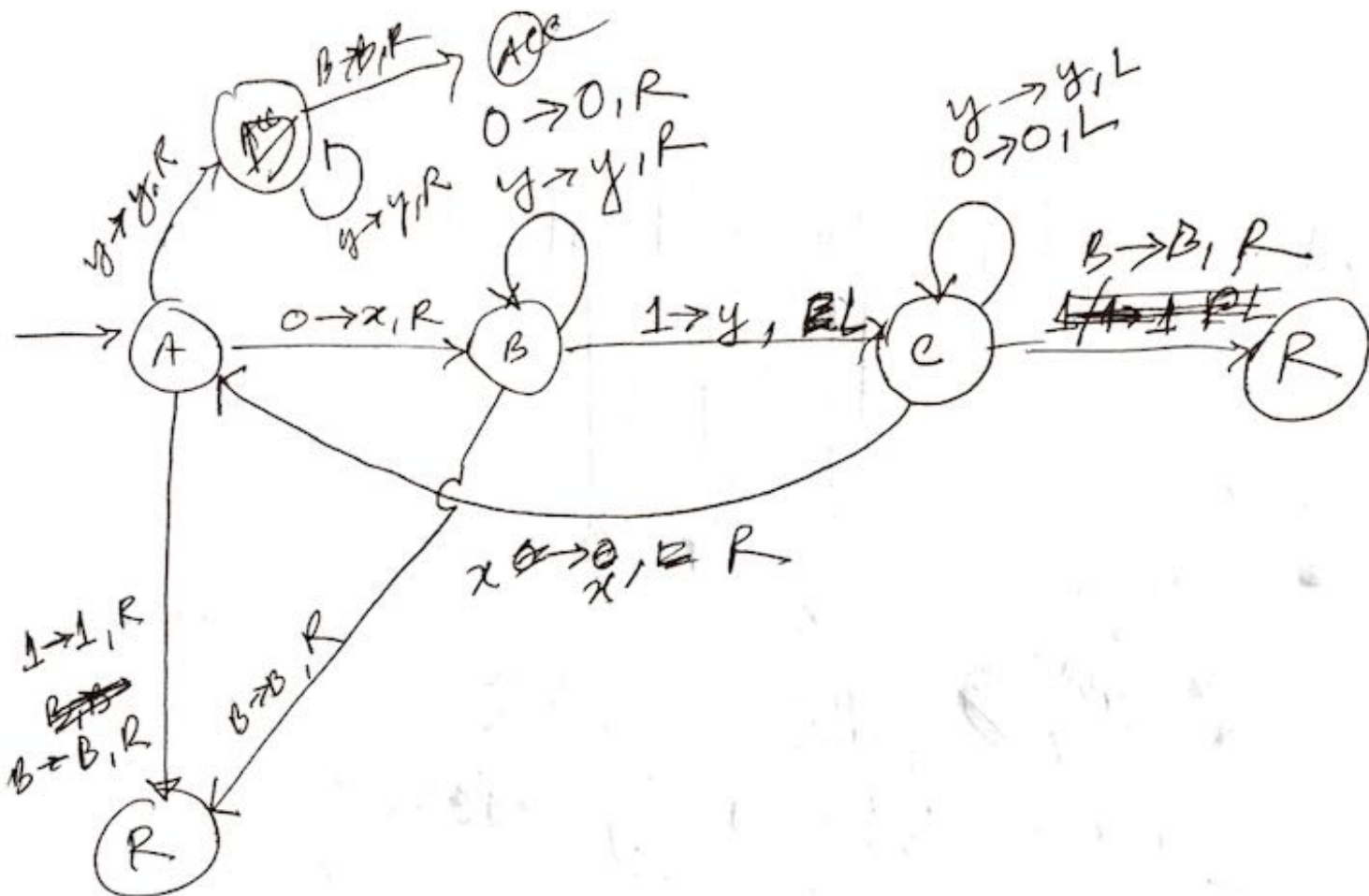
State	Current Symbol	Effect
start (A)	0	set state = "B" move right
start (A)	1 / B	set state = "Reject" move right
state (B)	0	state = "C" move right
state (B)	1	state = "B" move right
state (B)	B	state = "Reject" move right
state (C)	B	state = "Accept" move right
state (C)	0 / 1	state = "Accept" move right

Example  $L = 0^n 1^n$

$n > 0$



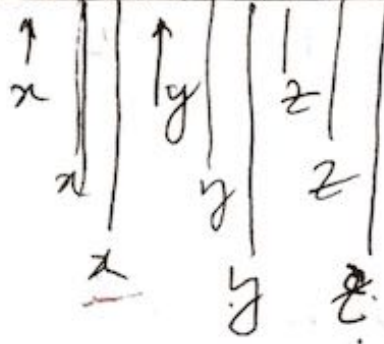
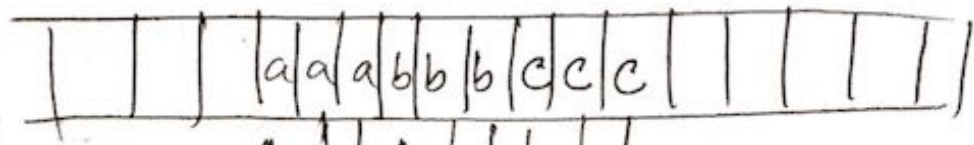
state	current symbol	Effect
(start) A	0	move right state = "B" <del>replace</del> "x"
A	1	reject
B	0	move right state = "B" no replace
B	1	move left state = A replace "y"
C	0	move left state = "C" no replace
C	x	move right state = A no replace



$\begin{matrix} \rightarrow 0 \\ \rightarrow 1 \\ \rightarrow x \\ \rightarrow y \end{matrix}$   
 to write  
 symbol face  
 into mem



11/1

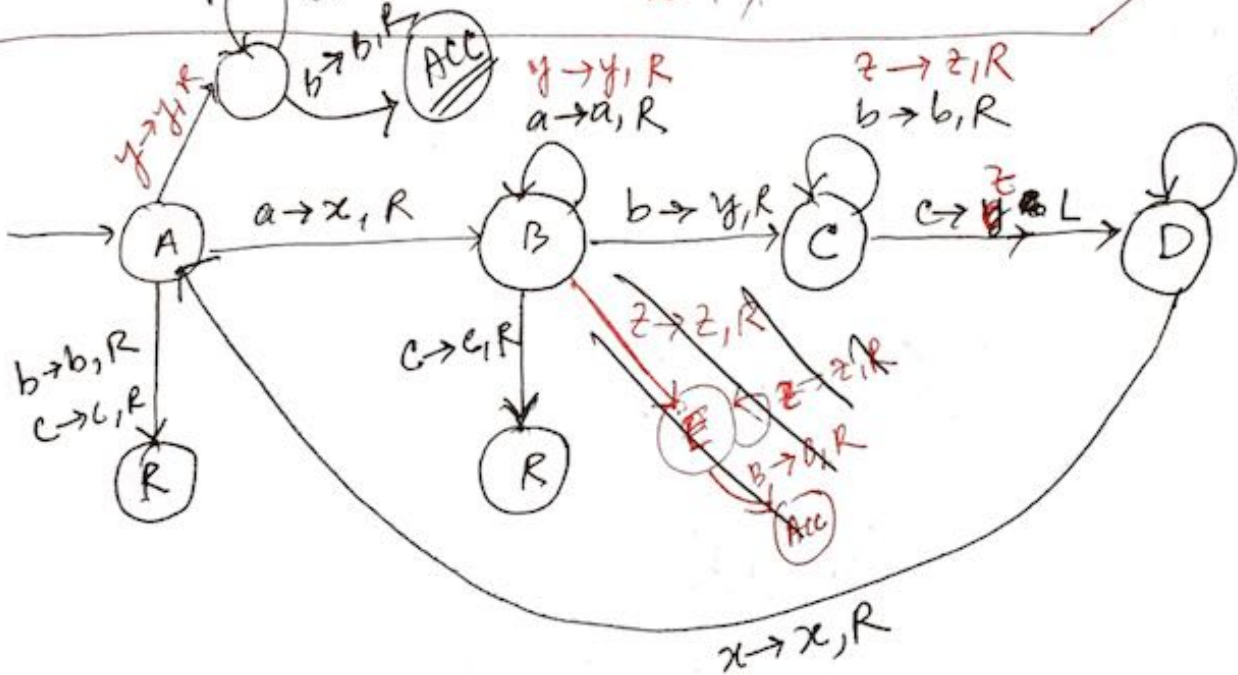


a x  
b y  
c z

y → y, R  
z → z, R

x → y

z → z, L  
a → a, L  
y → y, L  
b → b, L



reject state - After symbol error,  
either the state error  
or new state error  
reject error  
(error in state error)