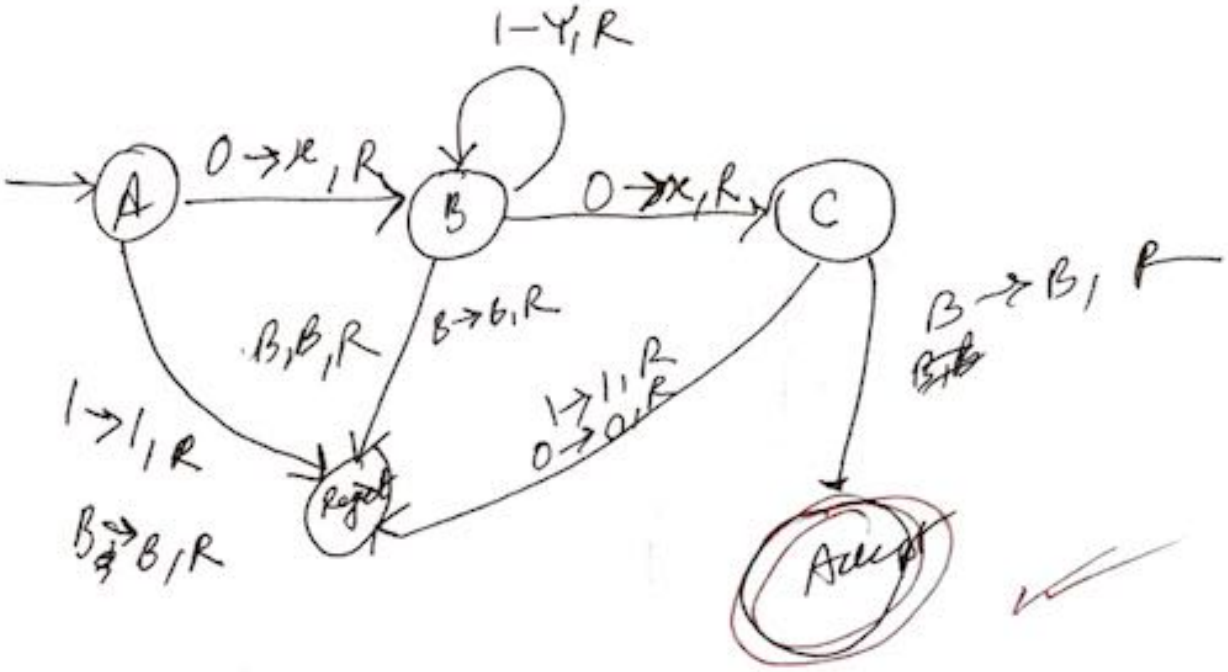
$L \rightarrow 0\underline{1}^{*}0$

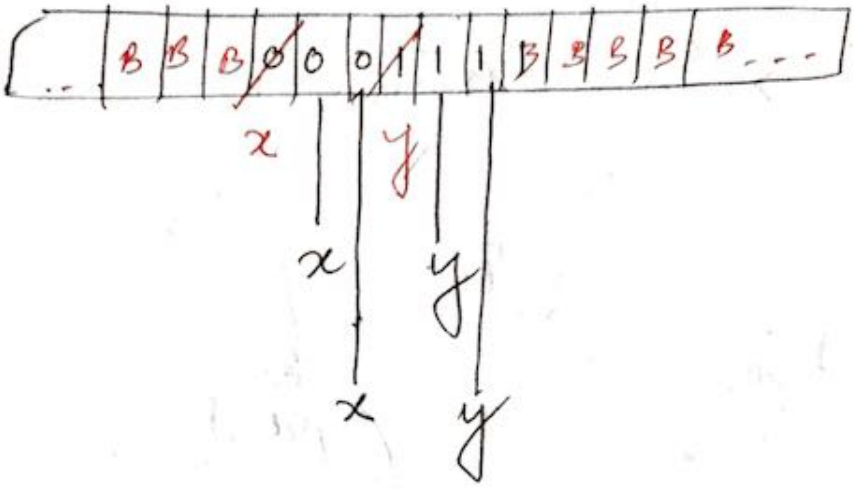


State :

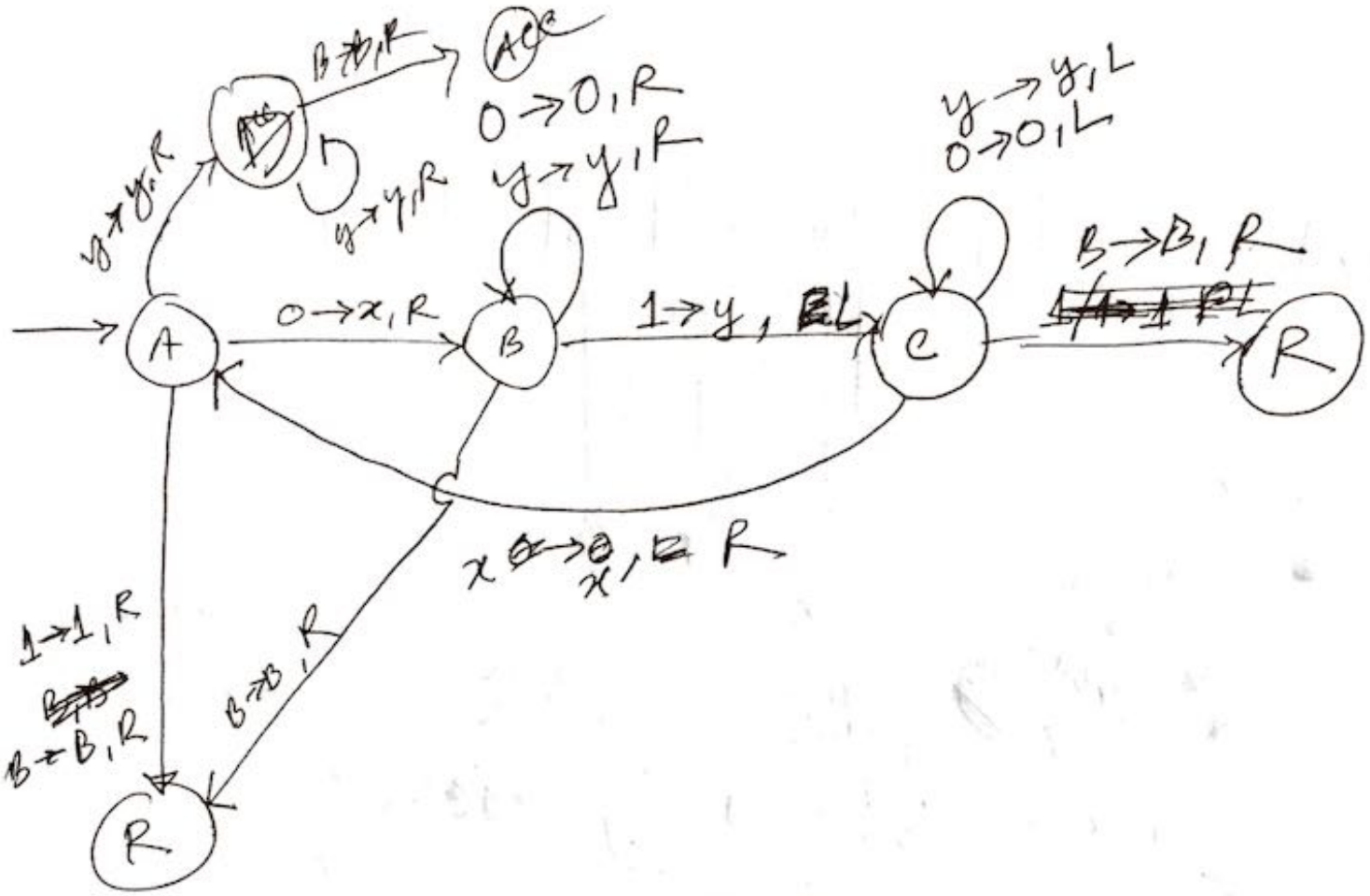
Rules:

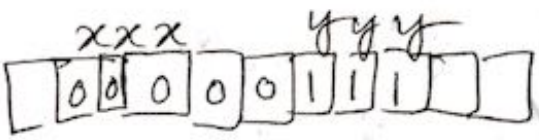
State	Current Symbol	Effect
start (A)	0	setstate = "B" move right
start (A)	1 / B	setstate = "Reject" move right
state (B)	0	state = "C" move right
state (B)	1	state = "B" move right
state (B)	B	state = "Reject" move Right
state (C)	B	state = "Accept" move right
state (C)	0 / 1	state = "Accept" move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

Example $L = 0^N 1^N$ $n > 0$

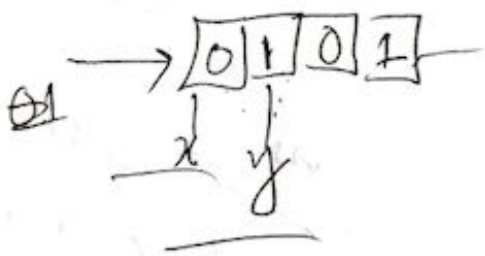


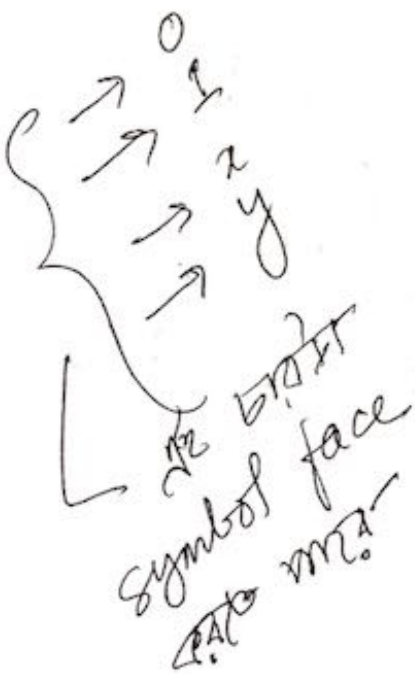
state	current symbol	Effect
(start) A	0	move right state = "B" replace "x"
A	1	reject
B	0	move right state = "B" no replace
B	1	move left state = A replace "y"
C	0	move left state = 'C' no replace
C	x	move right state = A no replace


A
B
C
R
R
0→x, R
1→y, L
B→B, R
0→0, R
y→y, R
y→y, L
0→0, L
1→1, R
B→B, R
x→x, R

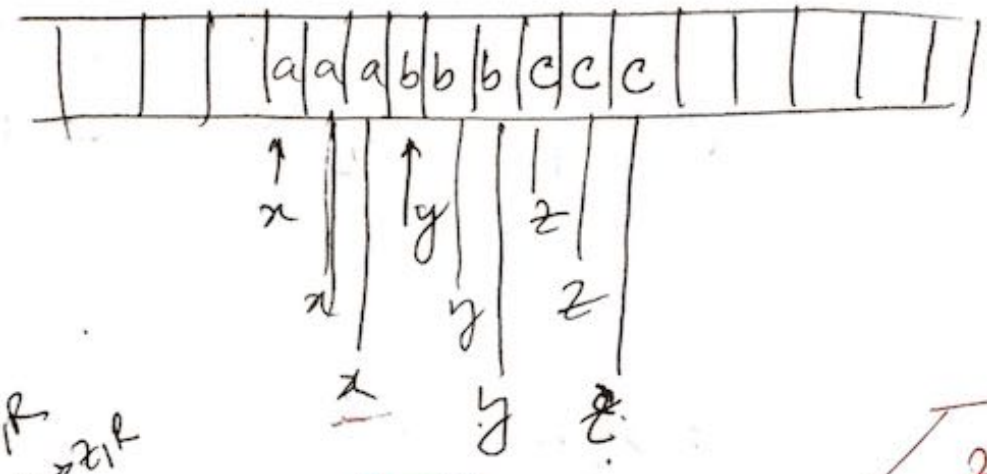

x x x
y y y
0 0 0 0 0 1 1 1

x x y y
0 0 1 1 1 1


0 1 0 1
x
y

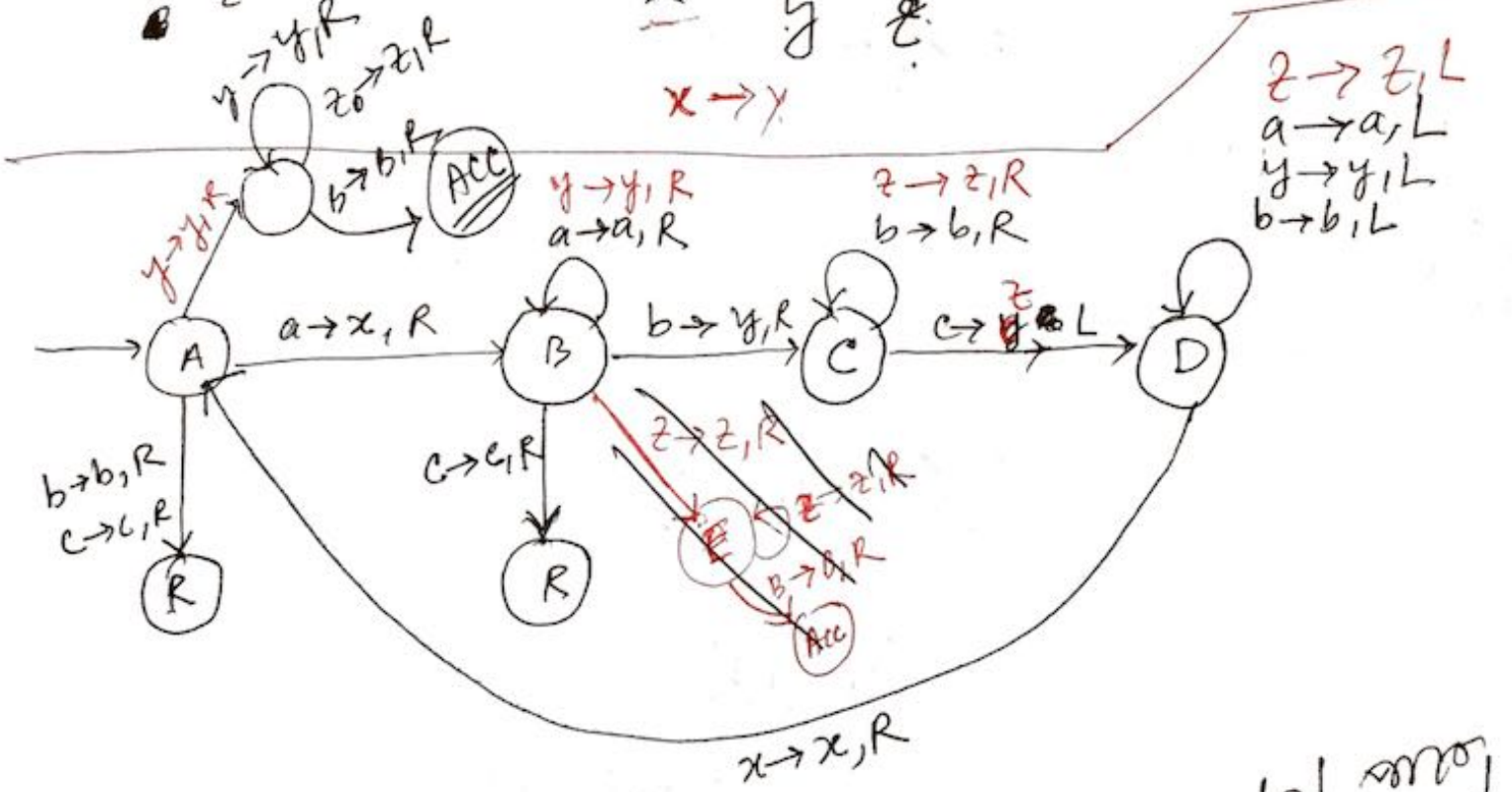

0
1
x
y
symbol face

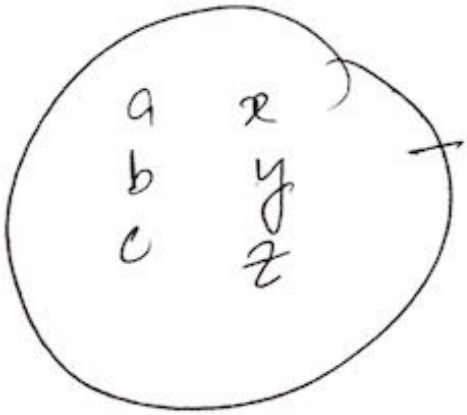
$m \geq 1$



a x
b y
c z

$x \to y$





পর কোনো state - এসব symbol পাবে, either নিজ state থাকবে or new state যাবে অথবা reject হবে

(যেটা দেখানোর দরকার নাই)