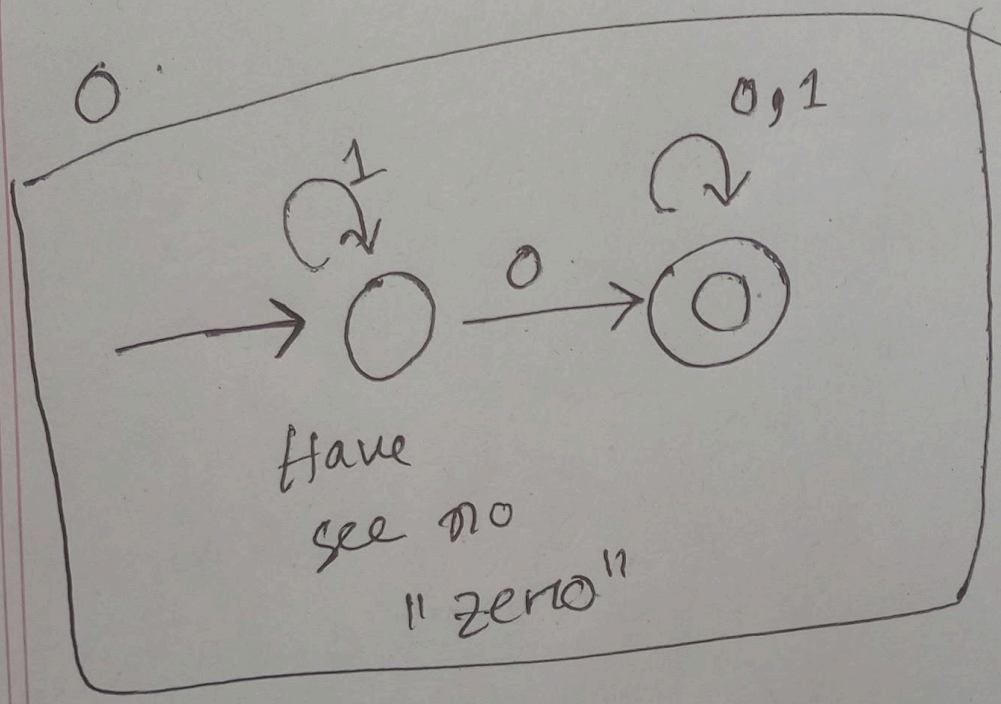
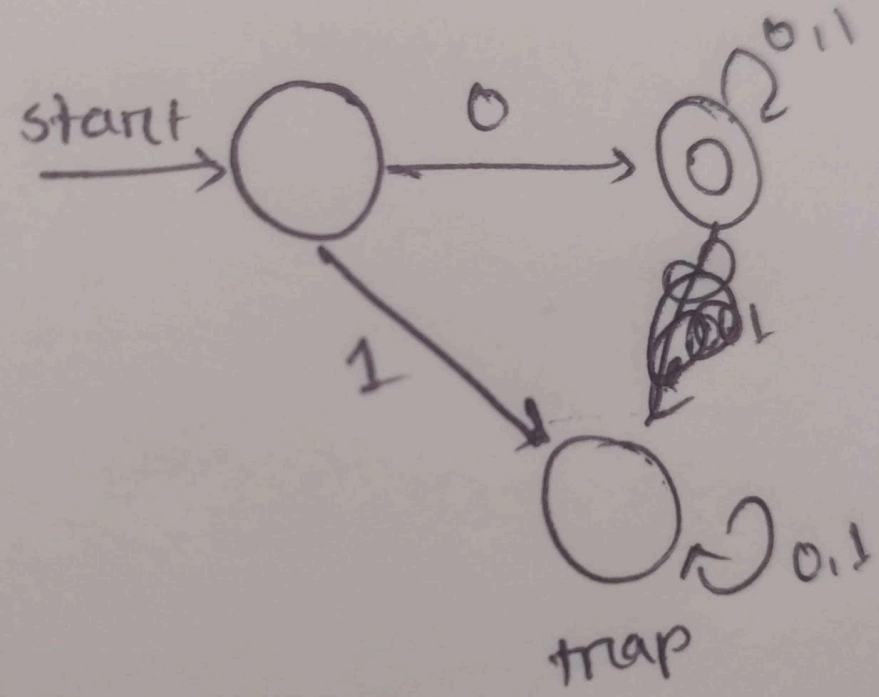
(3) $L = \{ w \in \{0,1\}^* : w$ starts with

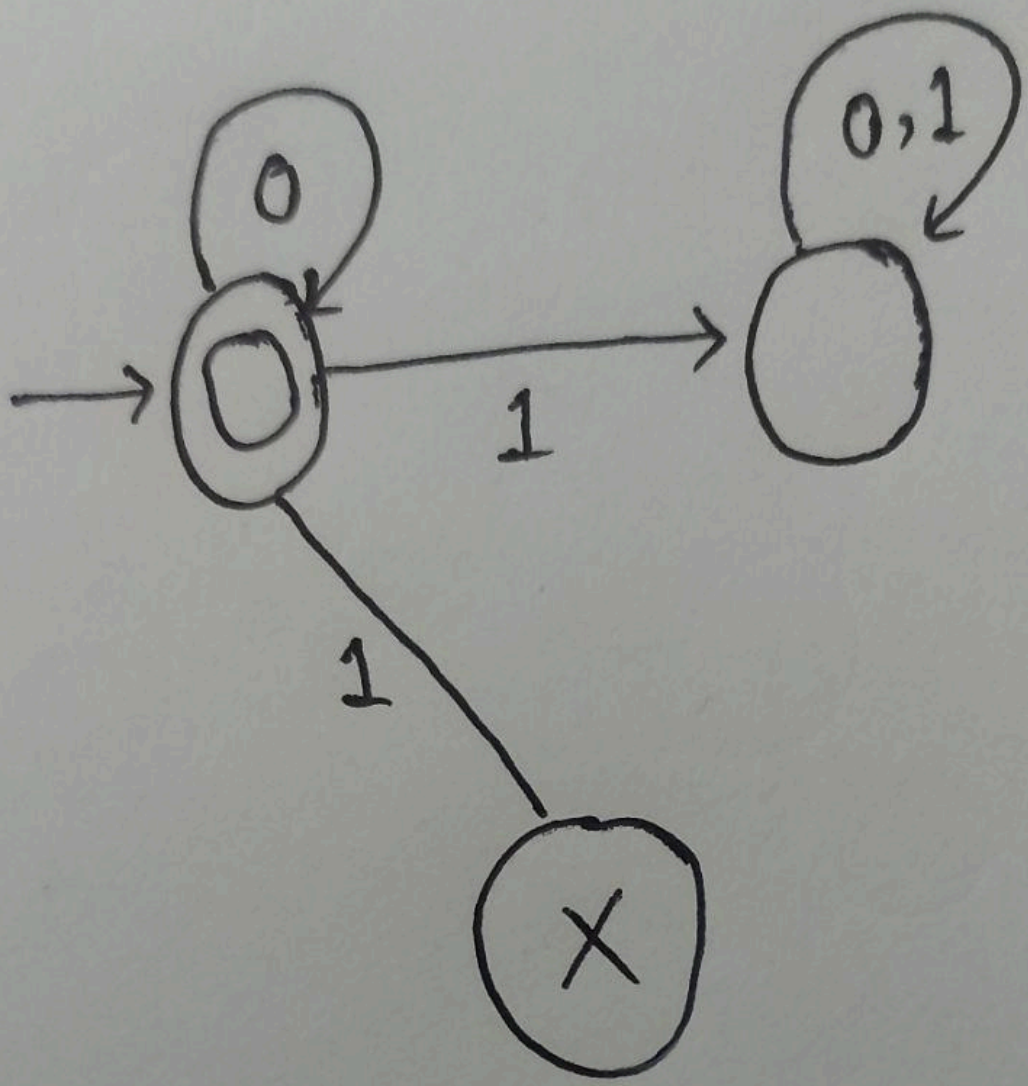


with 0 }

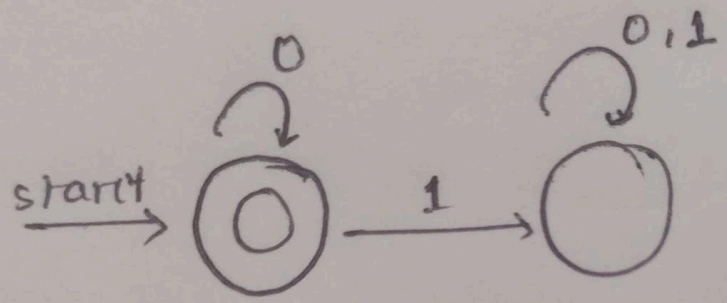


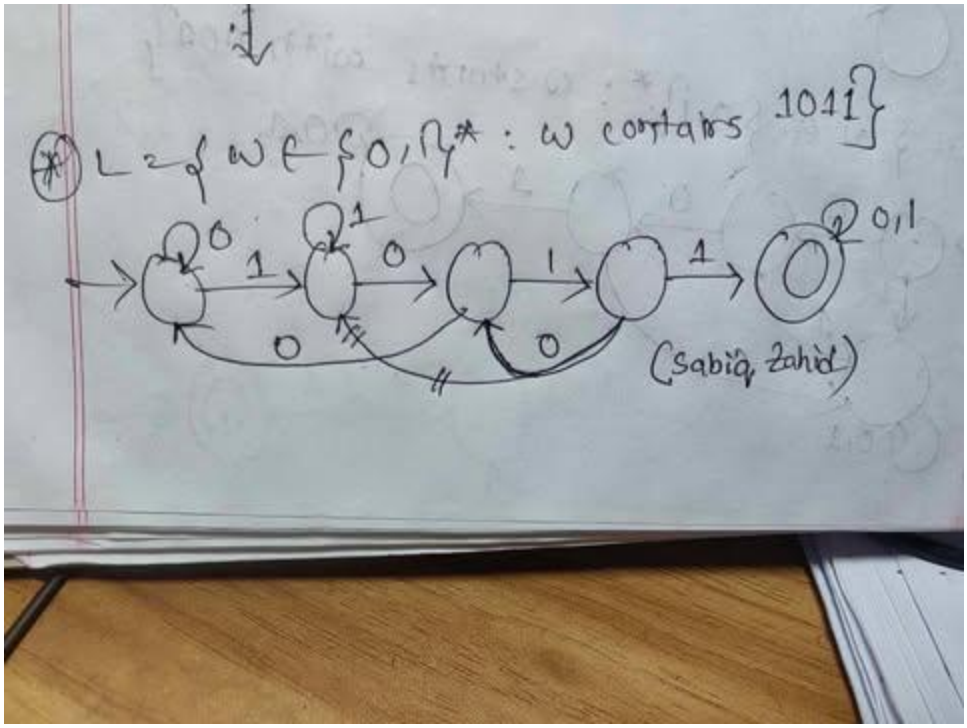
with 0 ?

0
011

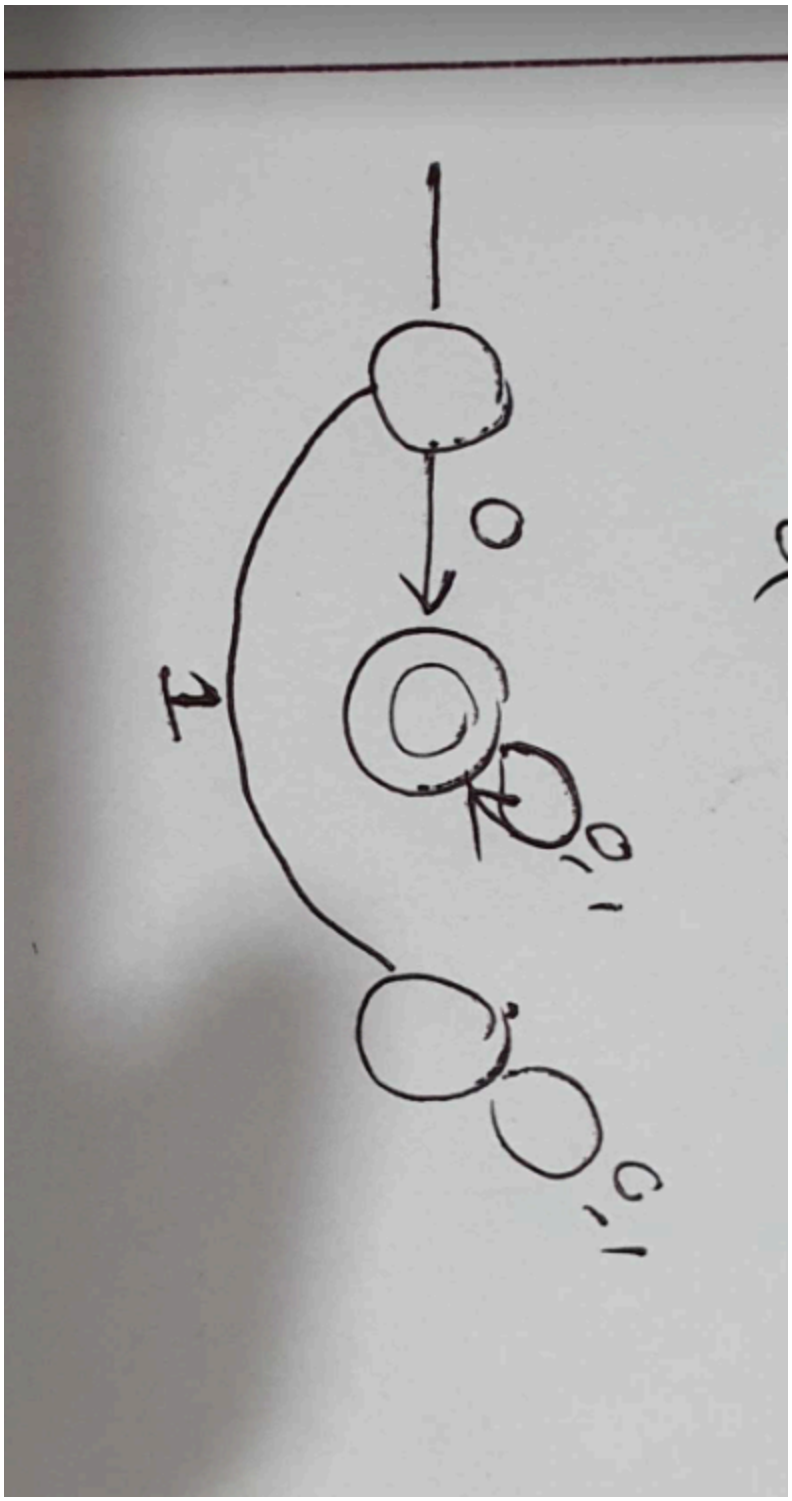


(#) $L = \{ w \in \{0,1\}^* : w \text{ starts with } 0 \}$



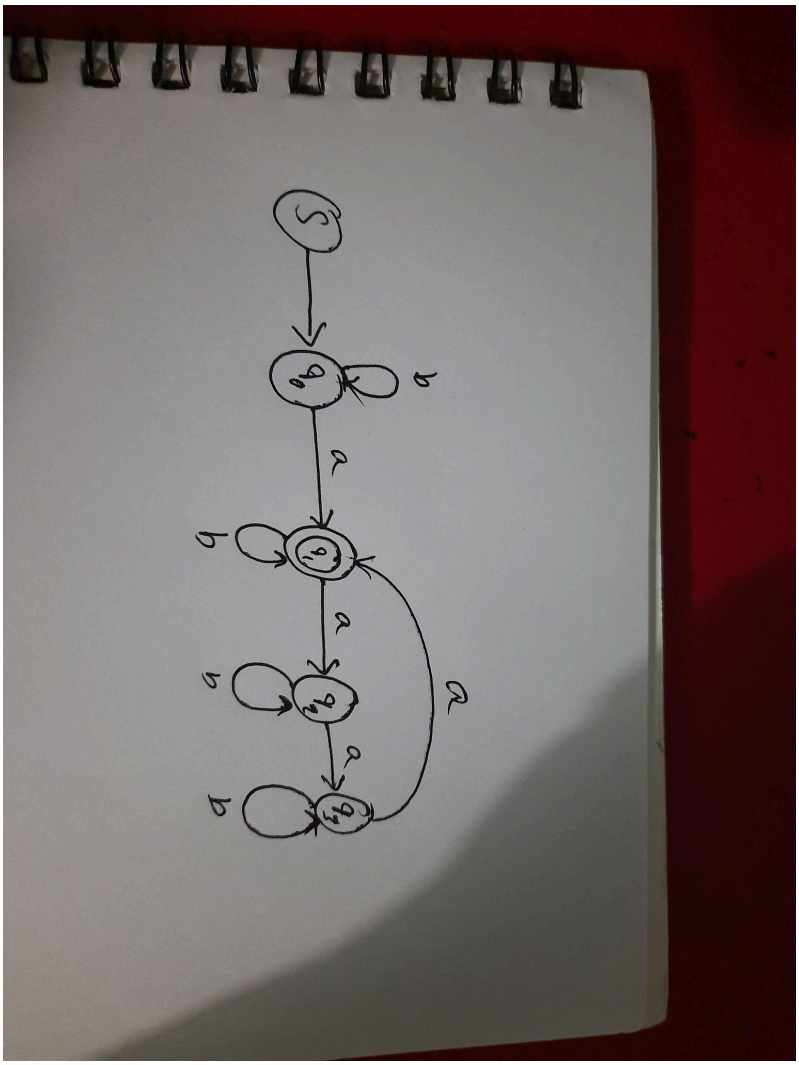


01 should be accepted



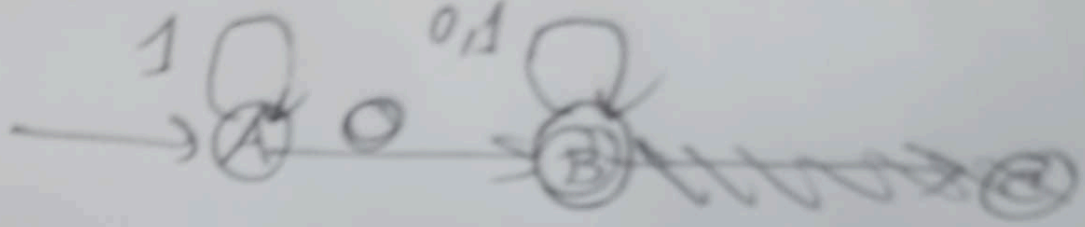
3a+1

If we get b then it will be in the first stage, if we get a it will move forward and get accepted, and if we get after that it will stay in the same stage. Then we will go forward for a again and if we get b it will be one the same

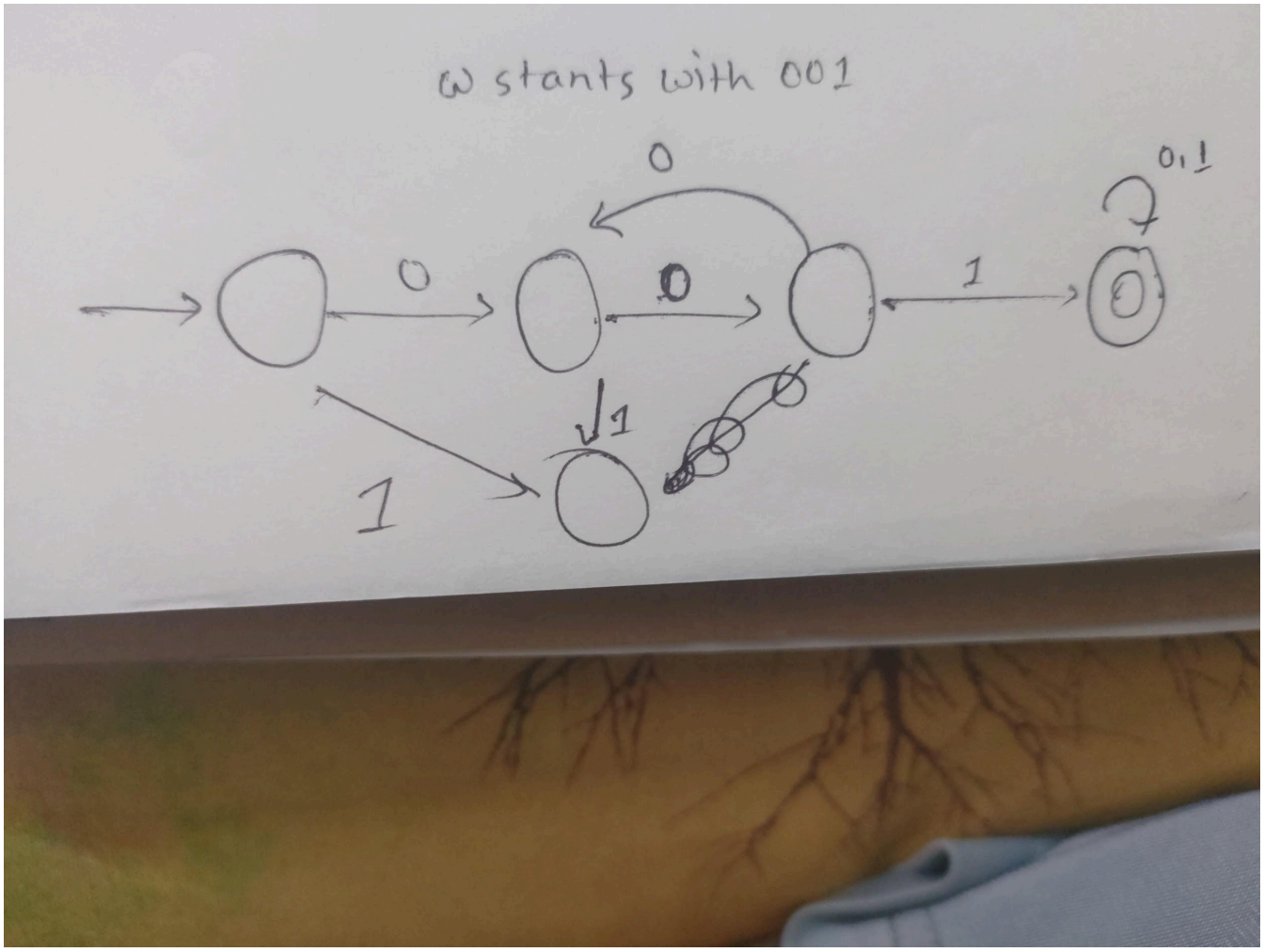
stage and if we get a again then we 

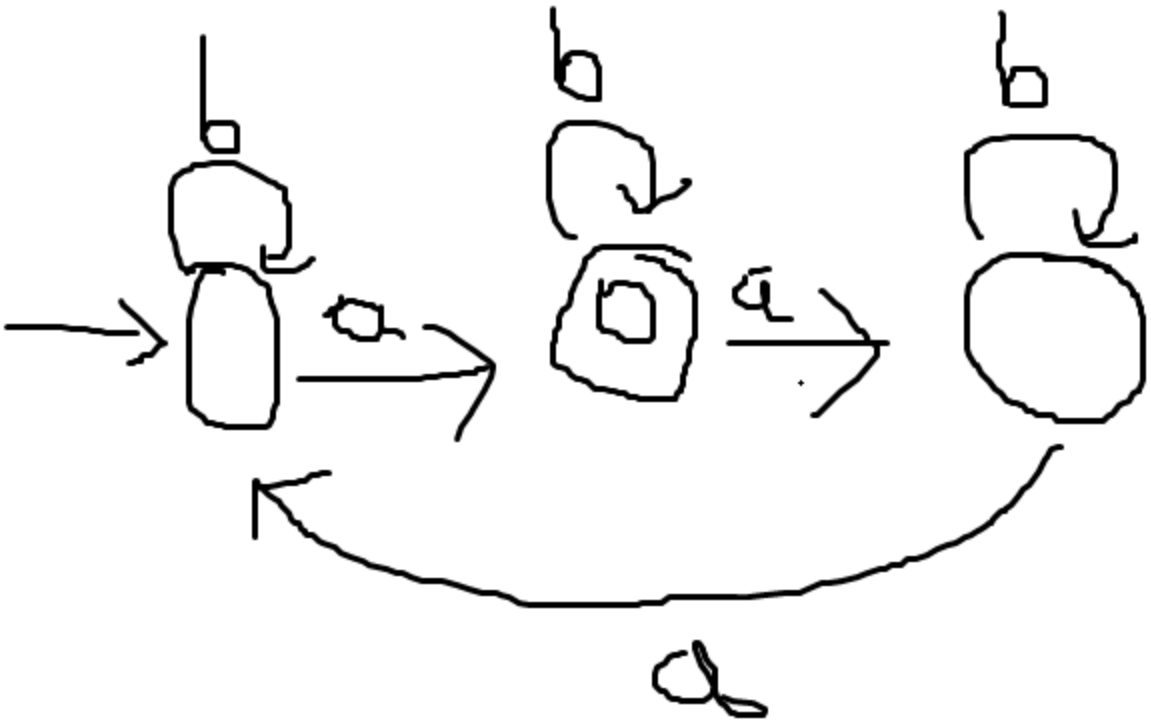
will give an arrow towards the first s

]

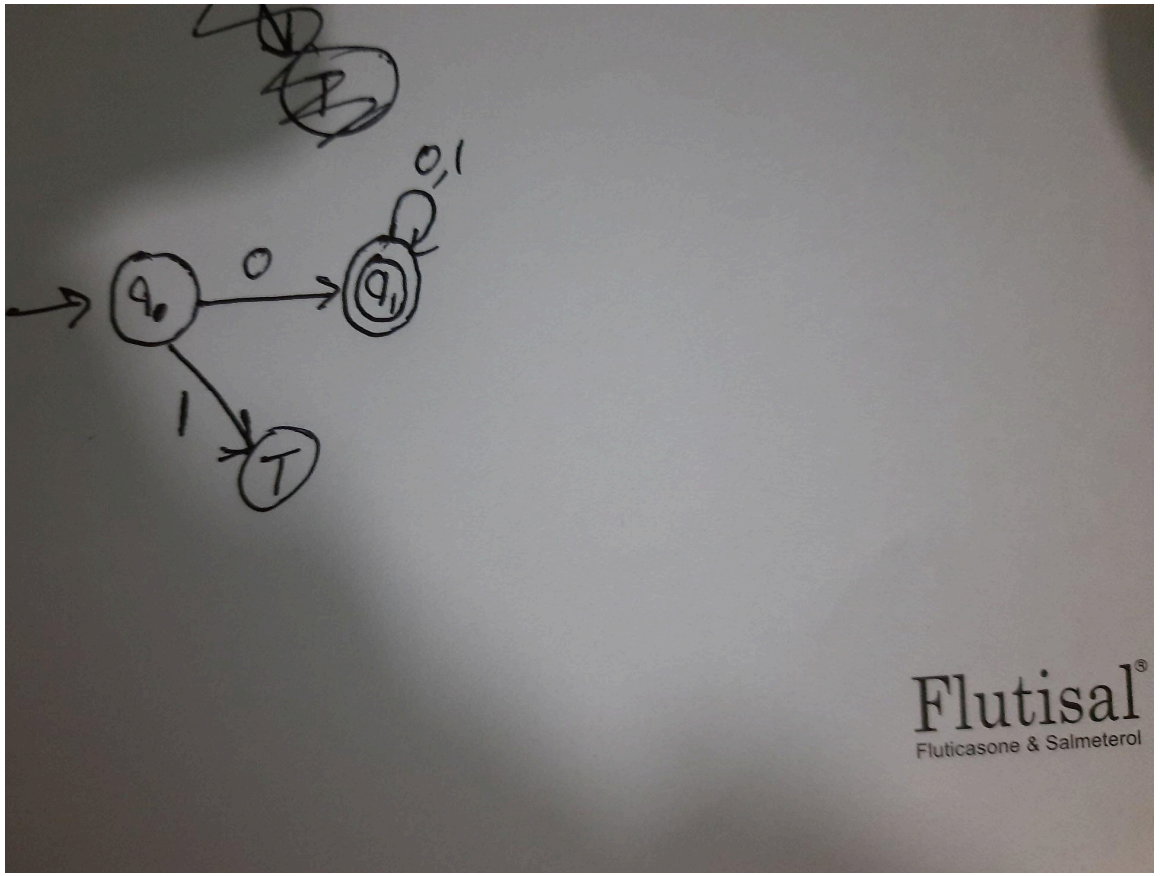

1
0,1
A
B
C

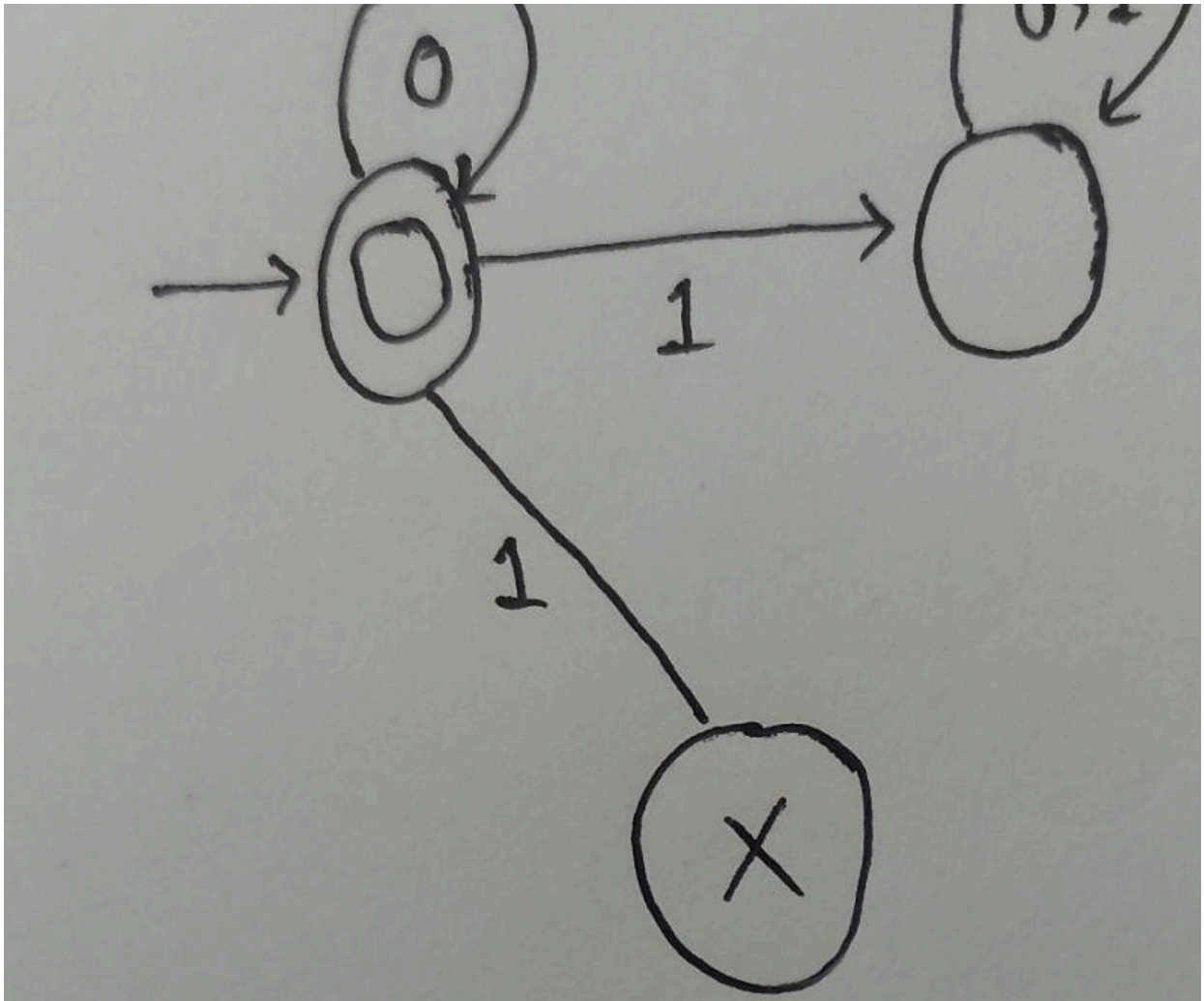
—a-->

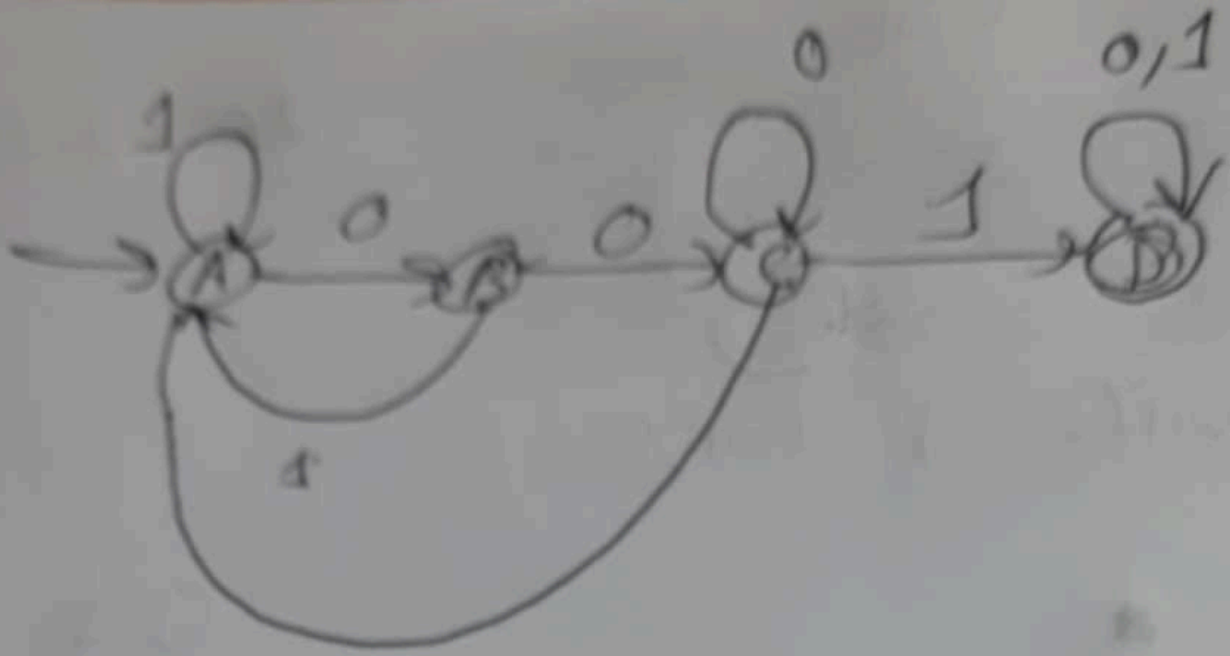
2. 



Ebrar:


0,1
0
1
Flutisal®
Fluticasone & Salmeterol


0
1
1
X

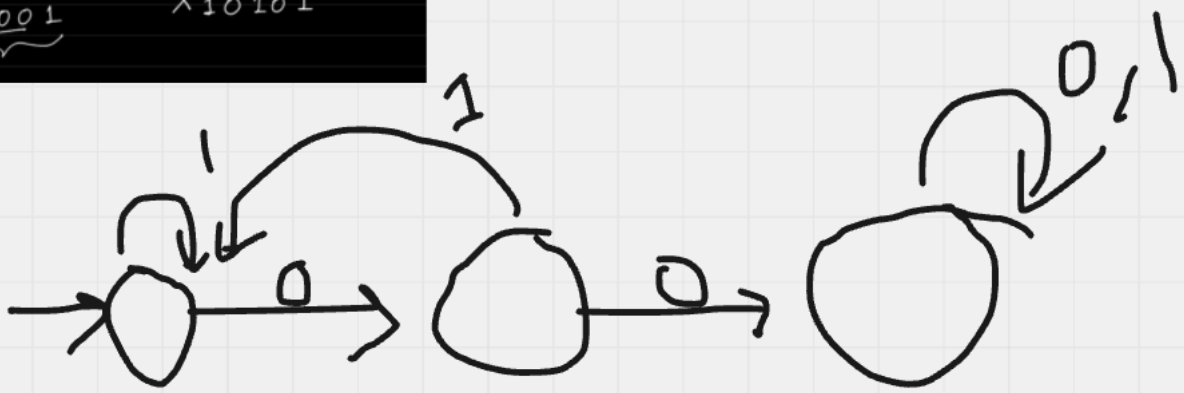

0
0,1
1
0
0
1
1

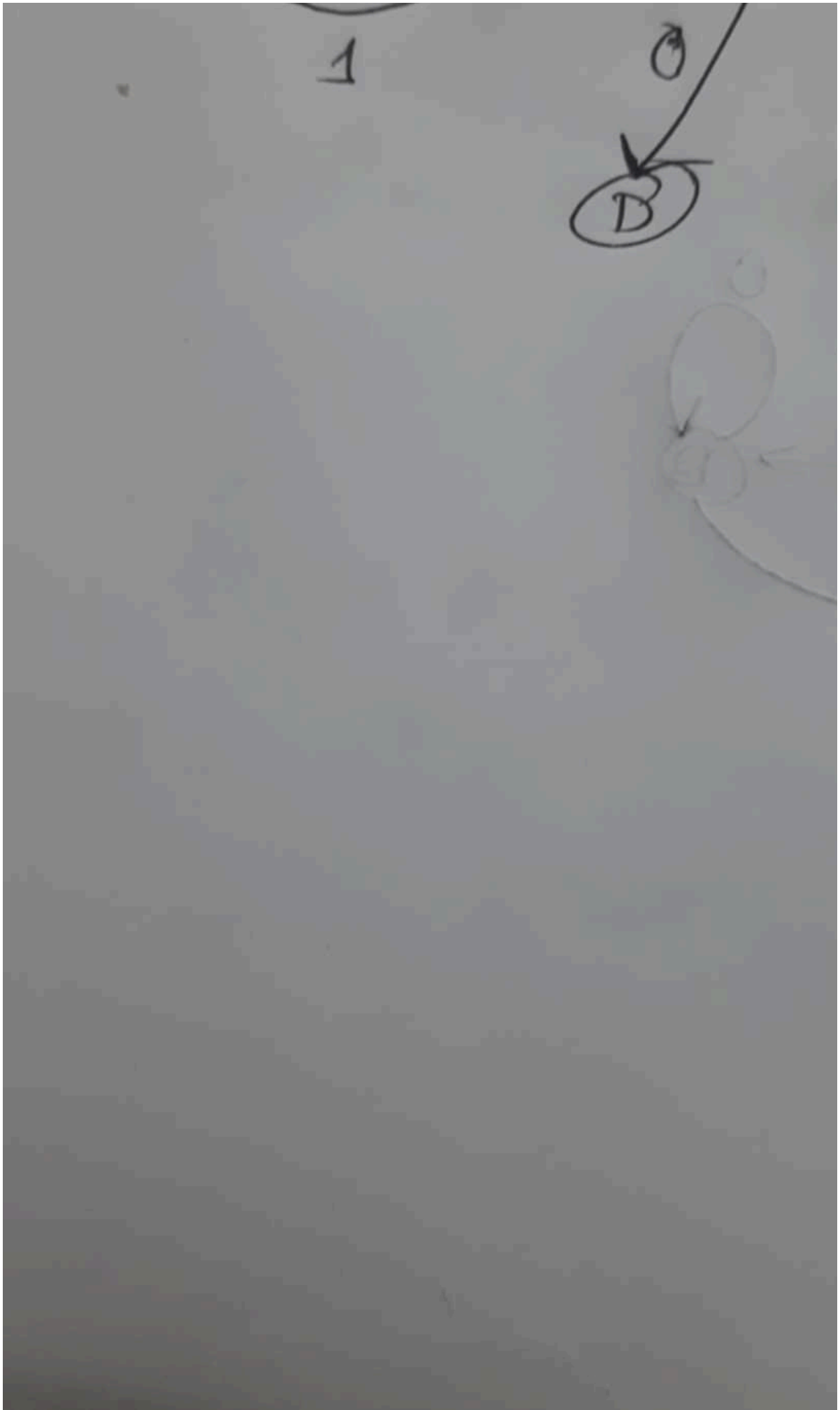
0
1
0,1
0,1

5. $L = \{w \in \{0,1\}^* : w \text{ contains } 00\}$

_____00_____ ✓1001 ✓00

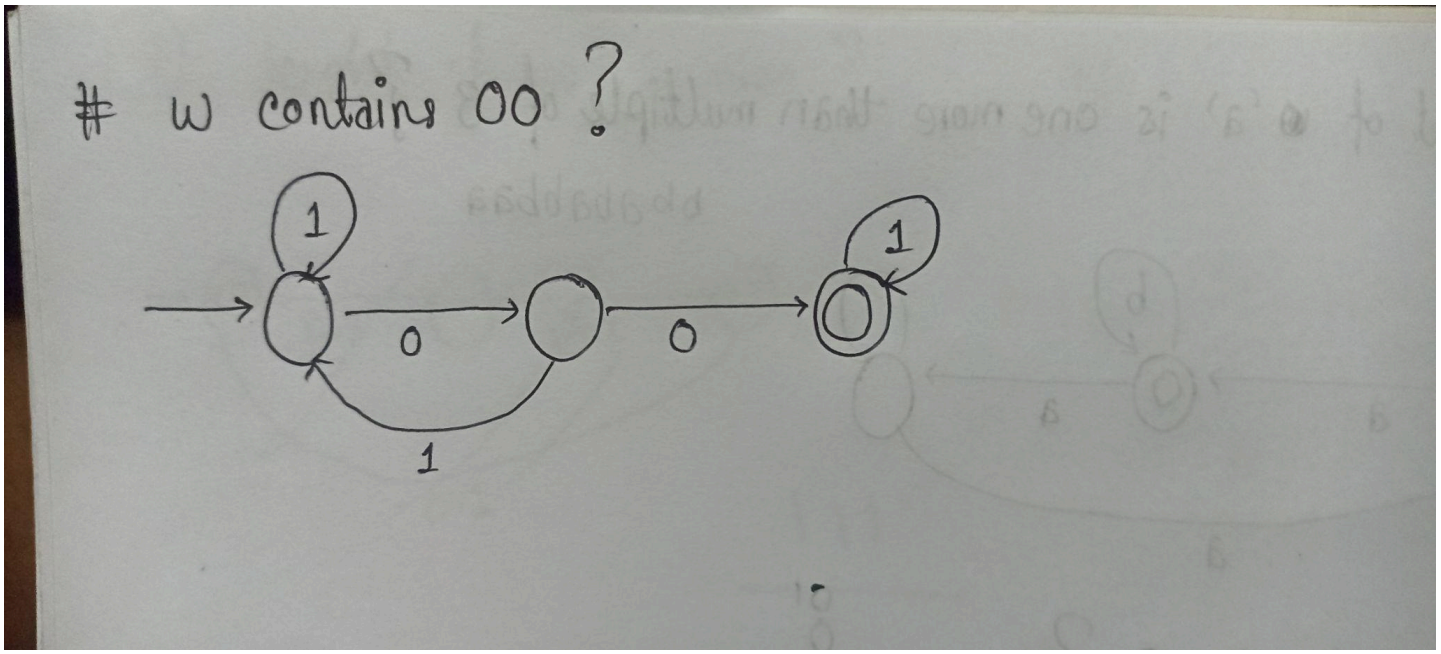
✓1001001 ✗10101



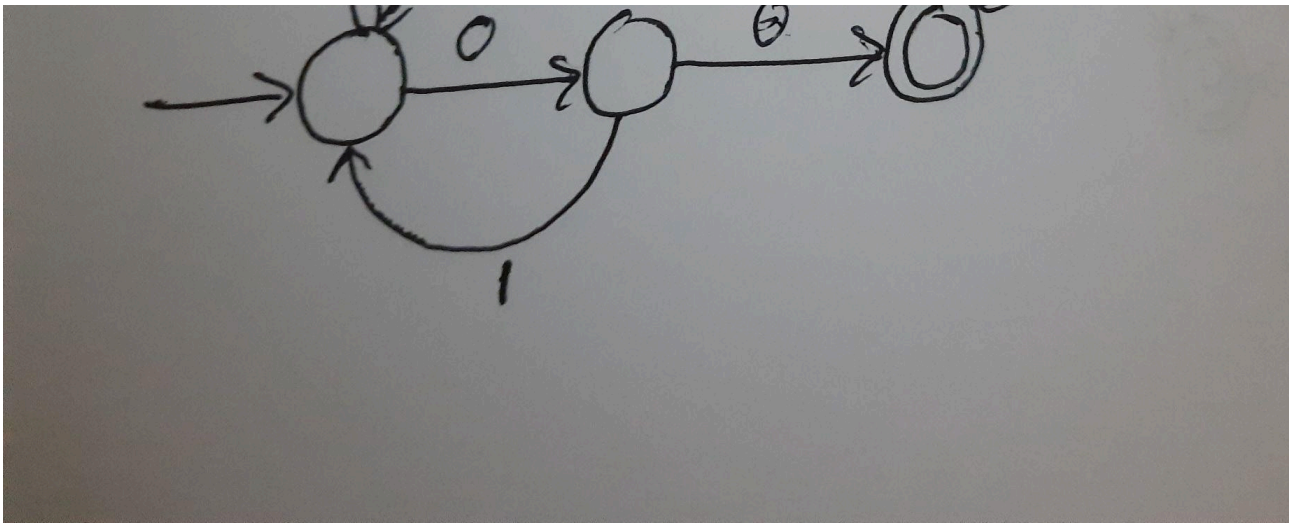

1
0
D

Sakib]

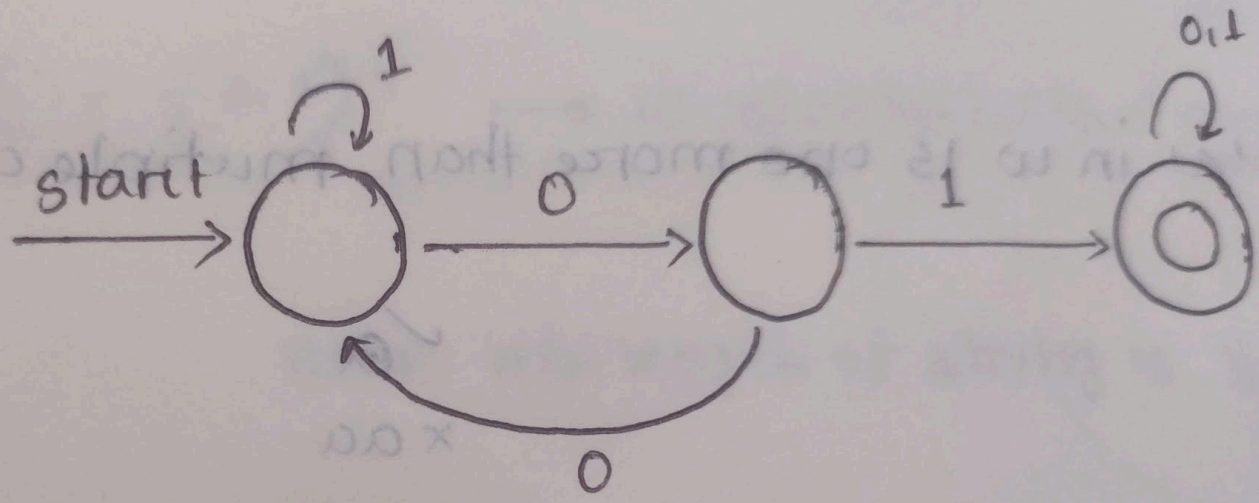
utsho

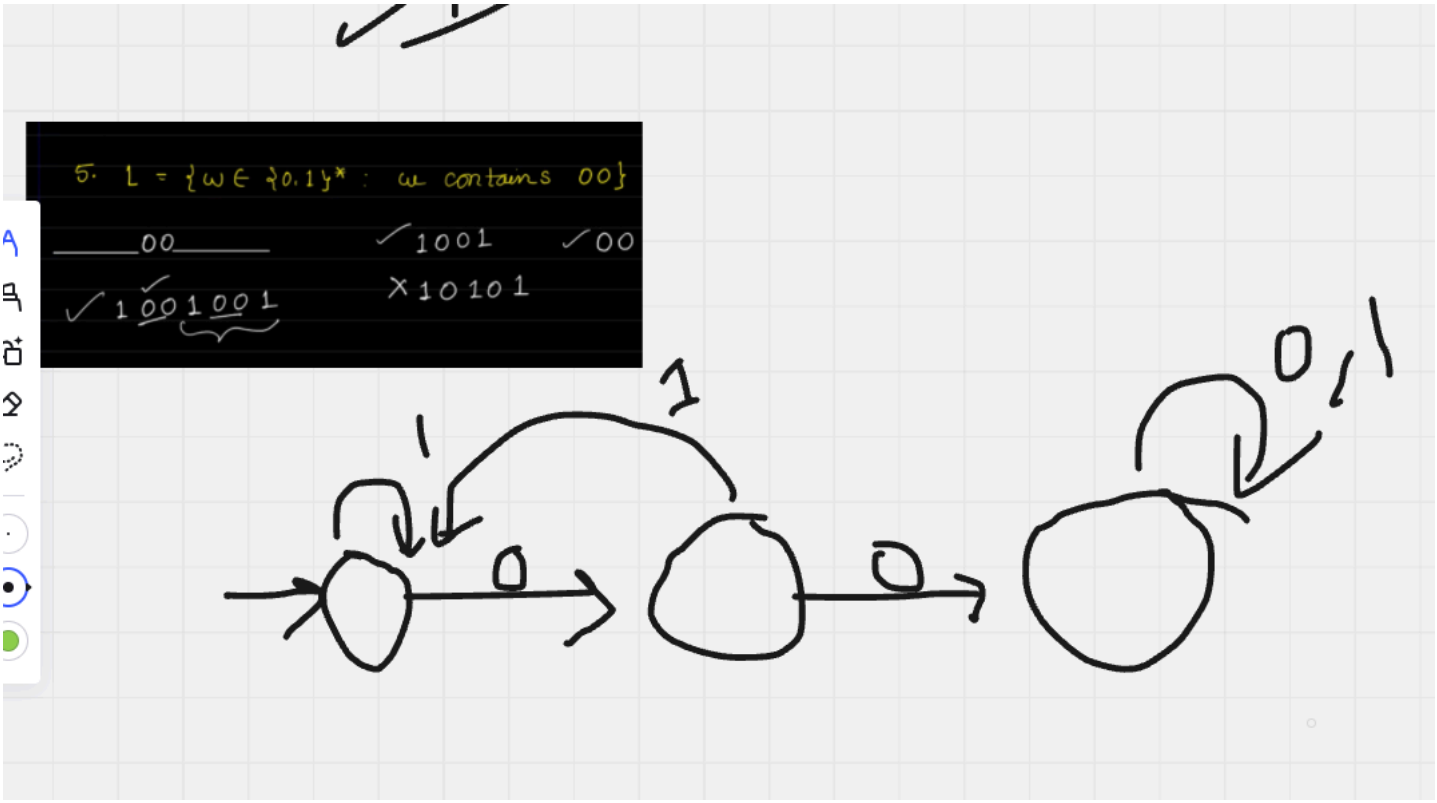


000?
Ebrar:


0
0
1

(#) w contains '01'



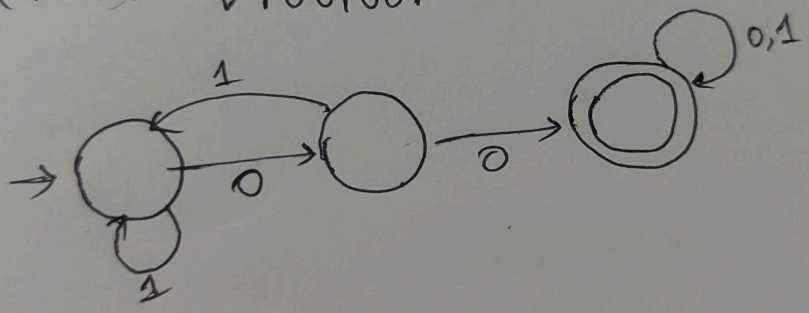


Ishan

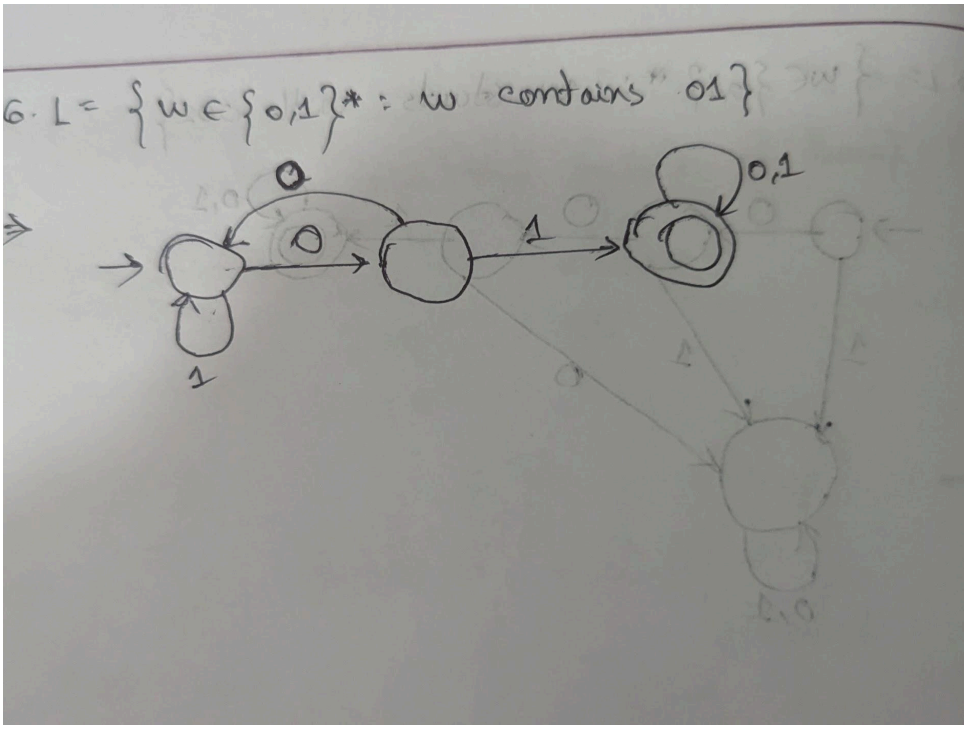
5. $L = \{ w \in \{0,1\}^* : w \text{ contains } 00 \}$

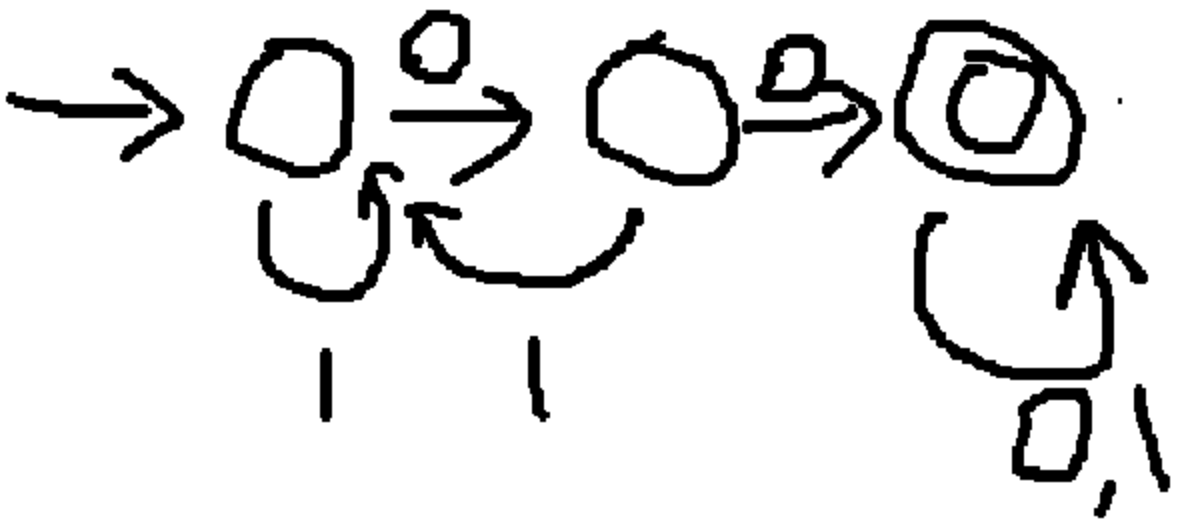
$\Rightarrow$ ——00——

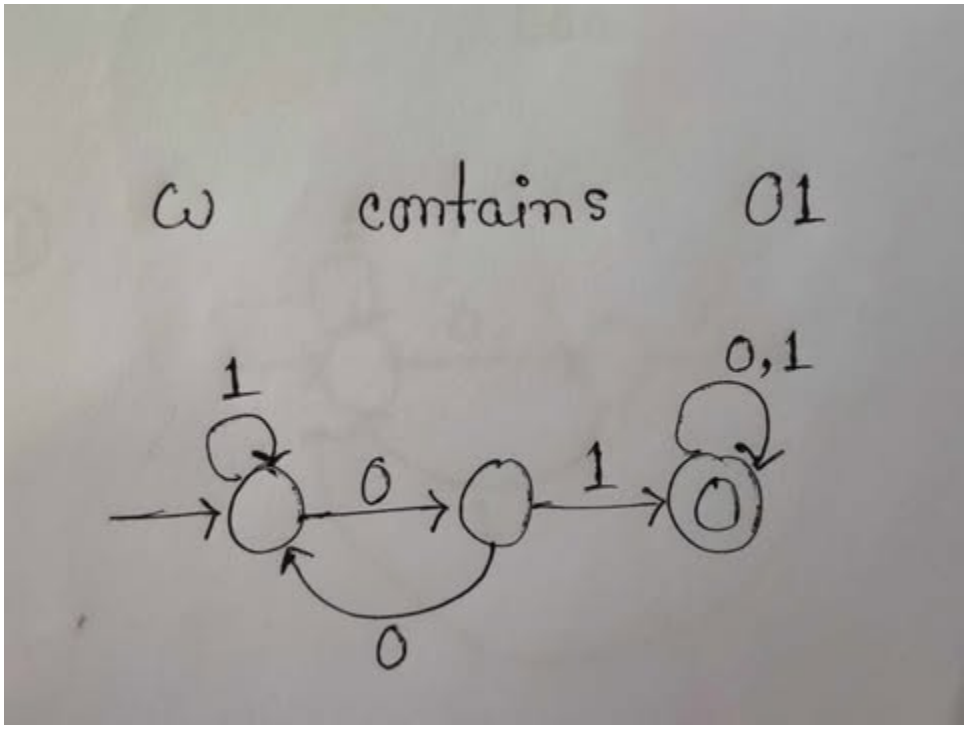
✓1001 ✓00
✗10101 ✓1001001



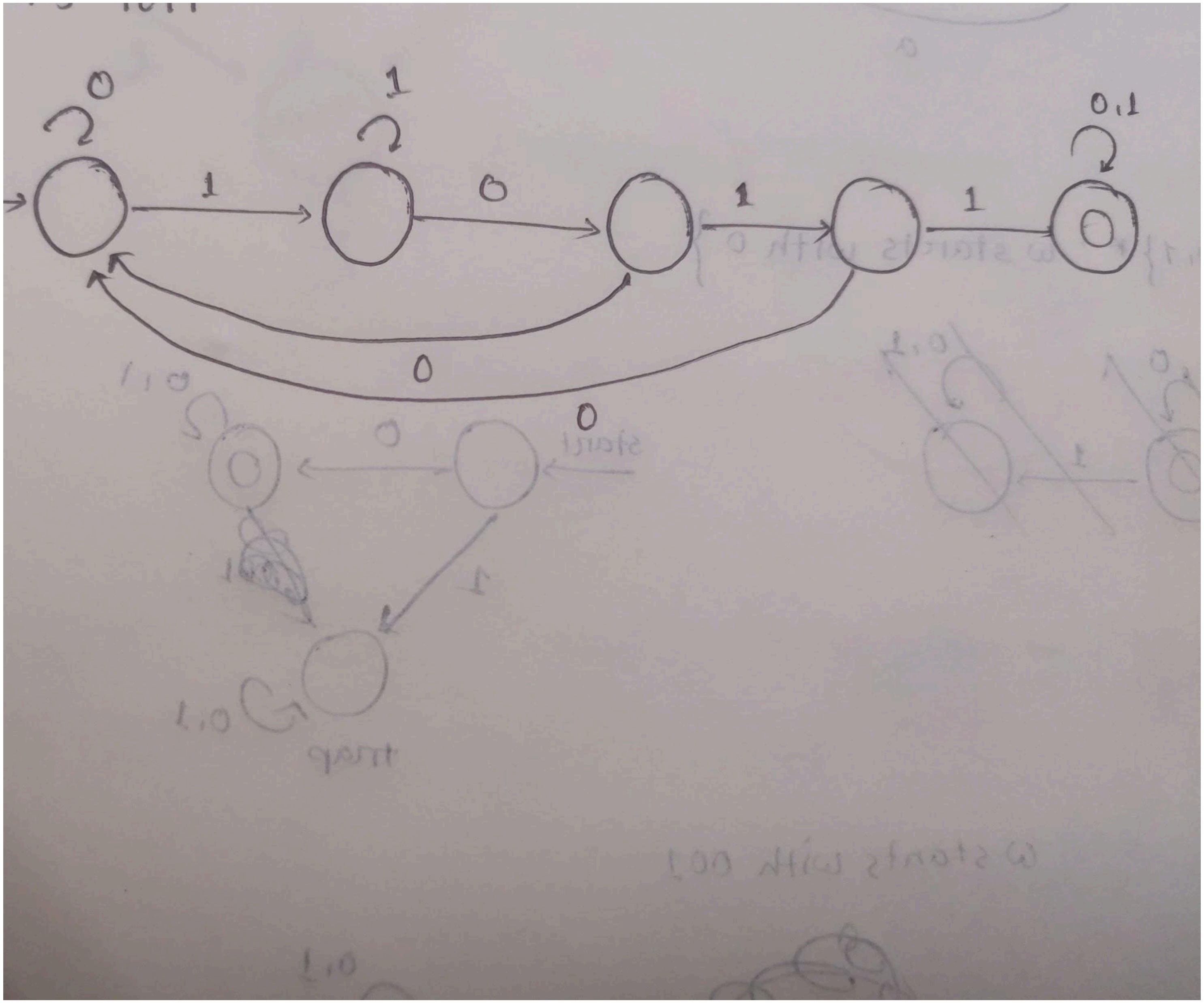
Ishan:







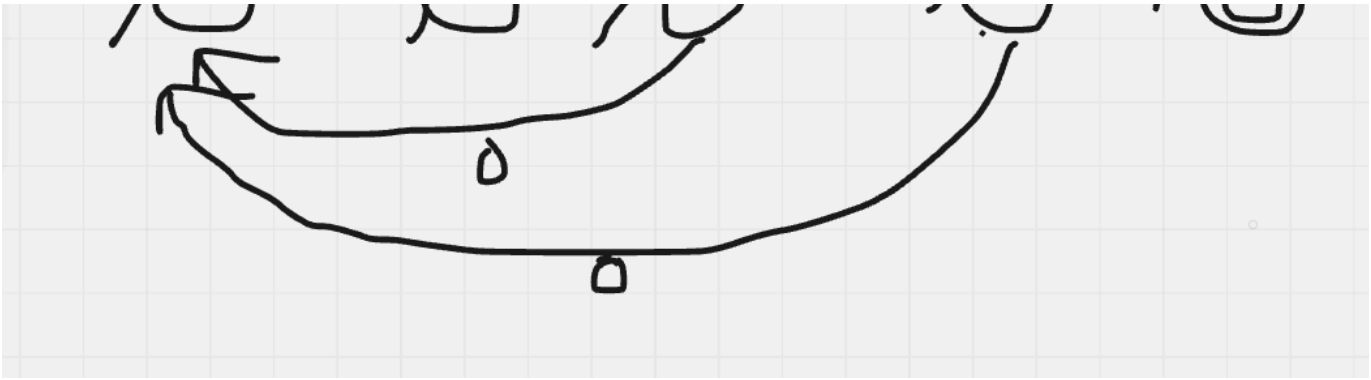
Zarif

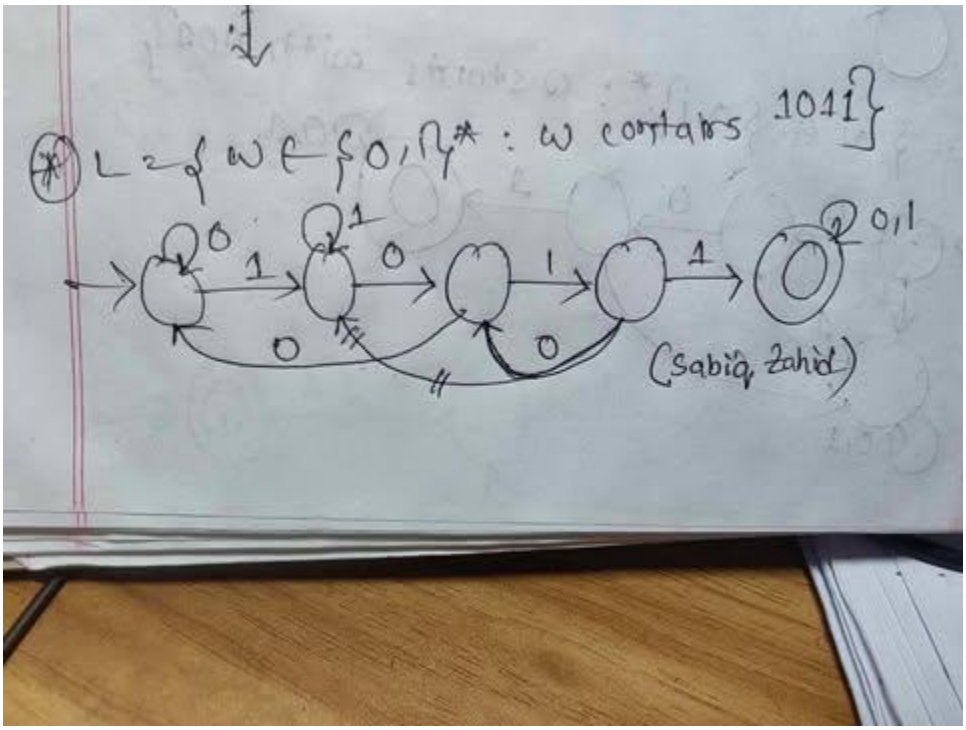

0
1
0,1
1
0
1
1
0
0


1

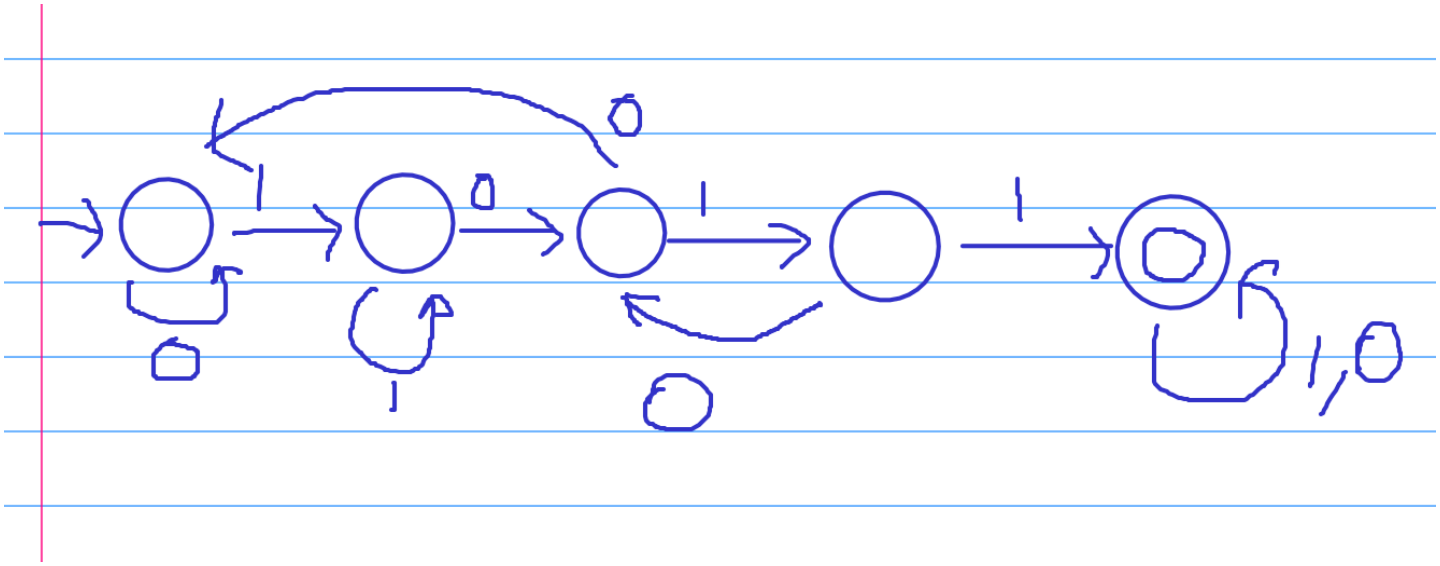
Sakib

101011 should be AC



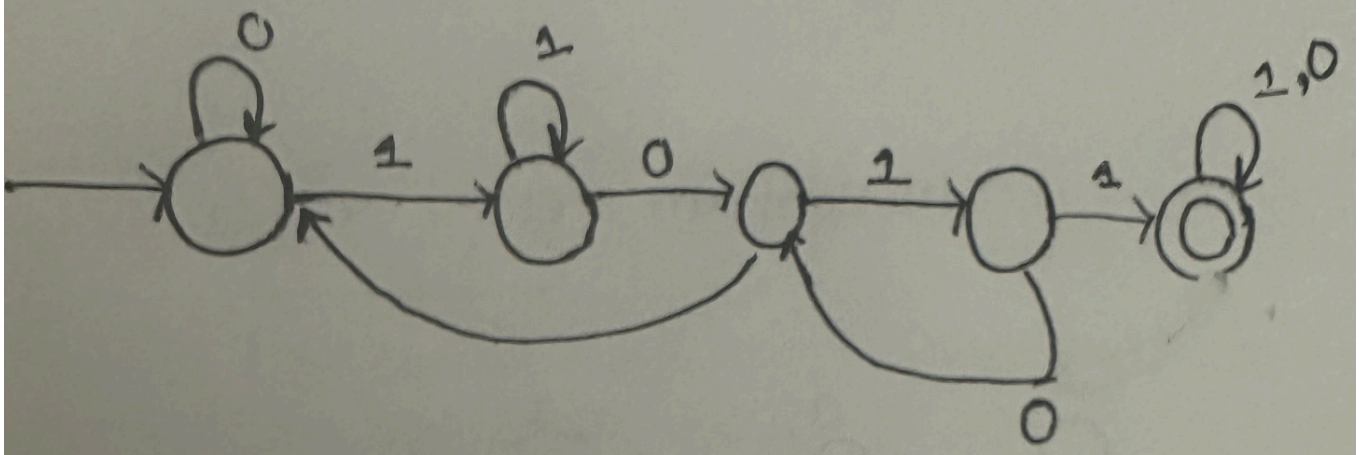


Correct

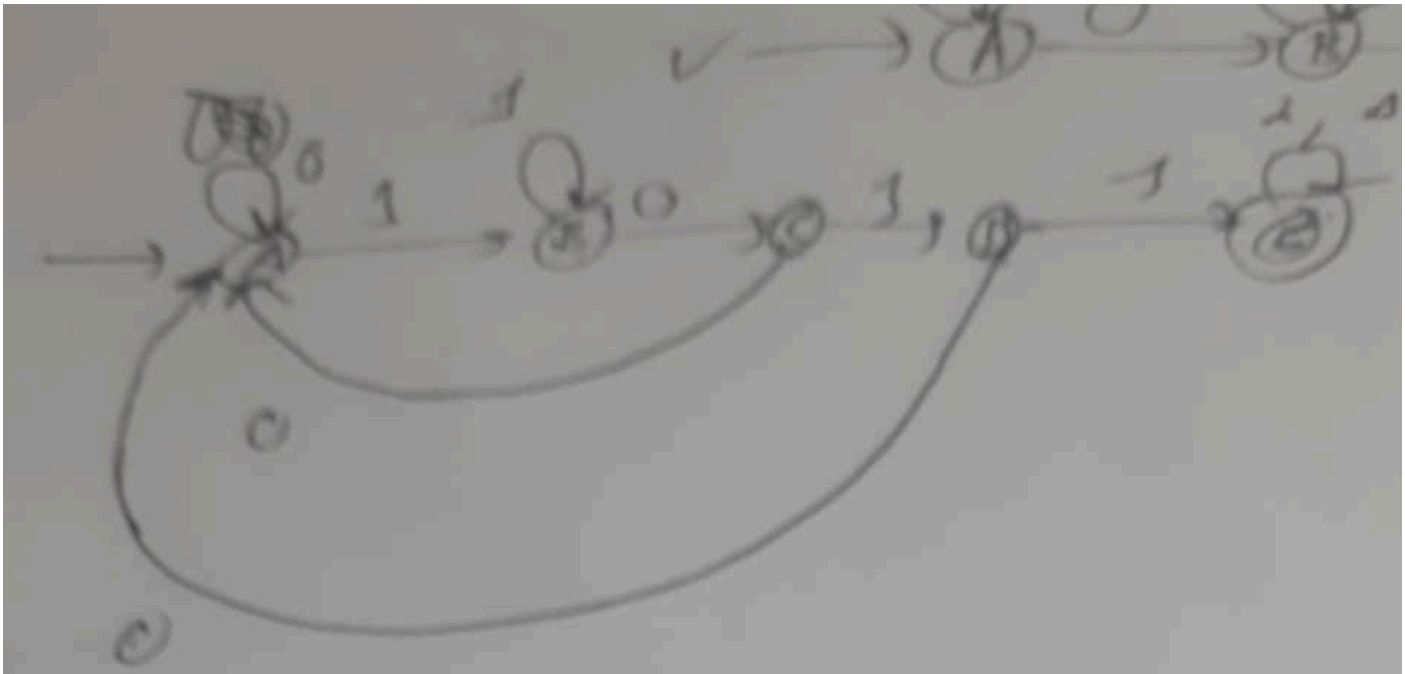


Correct

w contains 1011

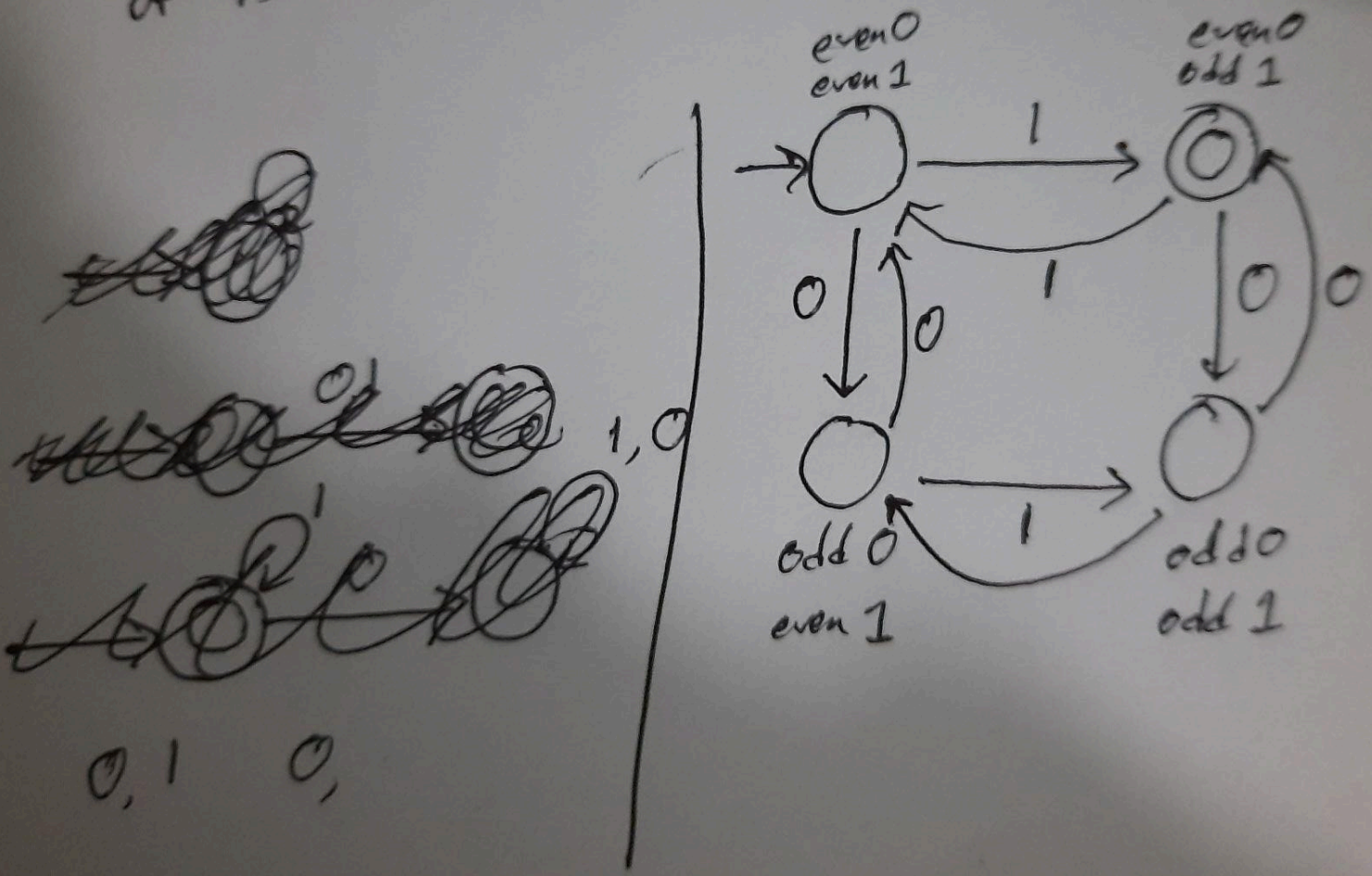


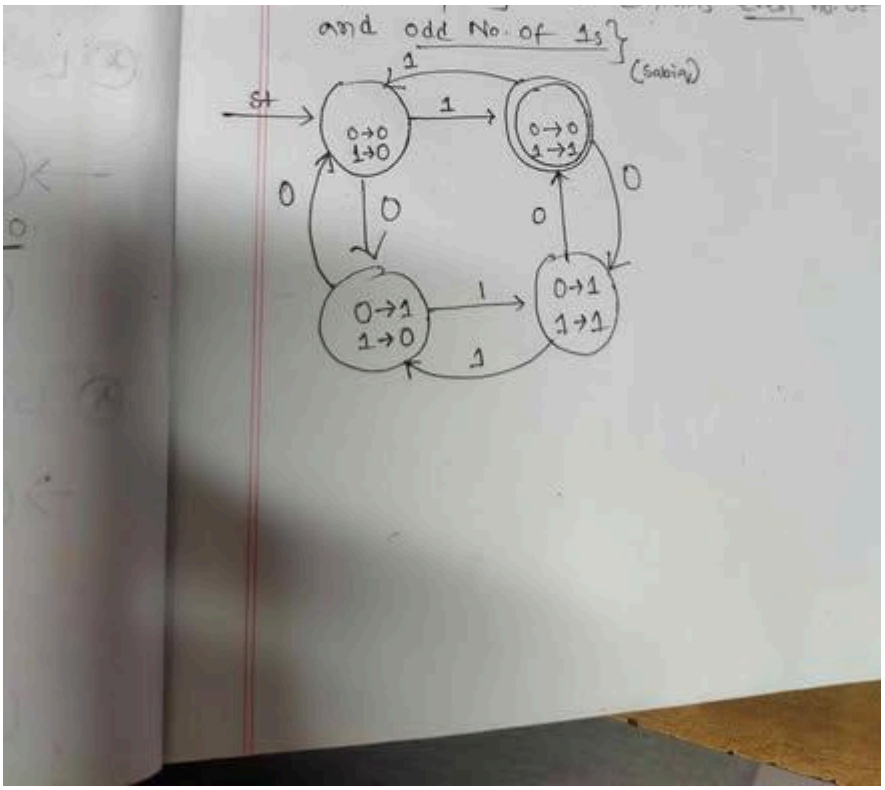
Muna
Correct


0
1
1
0
1
1
1
1
0
0

Sakib

(*) Even number of 0's and odd number of 1's




and odd No. of 1s }
(Sabiq)
St
0→0
1→0
0→0
1→1
0→1
1→0
0→1
1→1
1
0
1
0
0
1
1
0