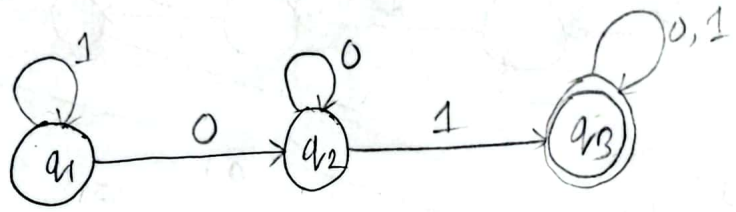
Farzana

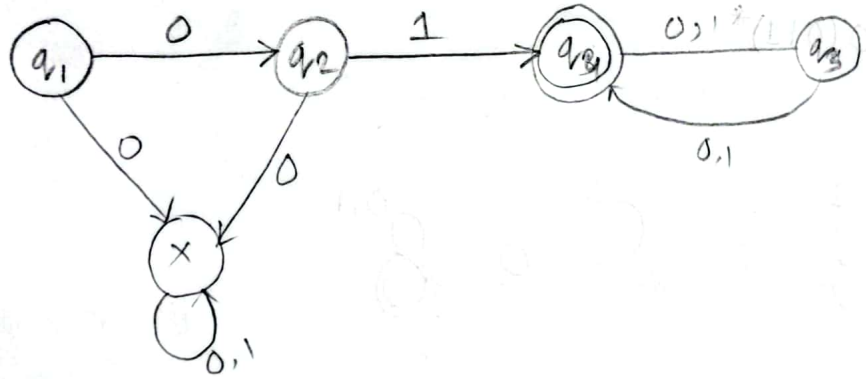
1

DFA

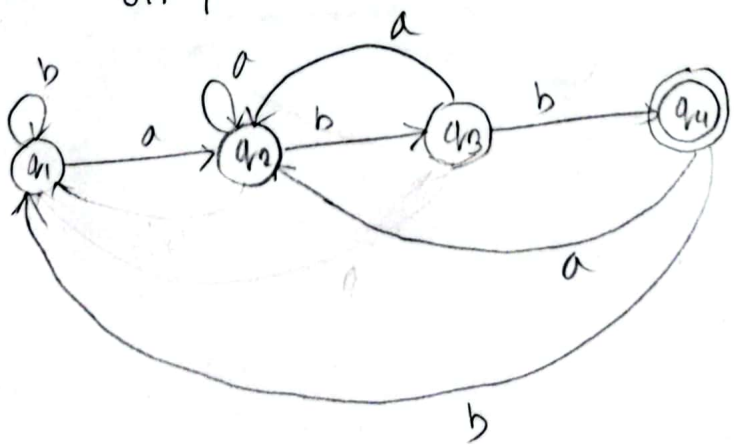
$L((01|1)^* 01 (01|1)^*)$



$L(01((0+1)(0+1))^*$



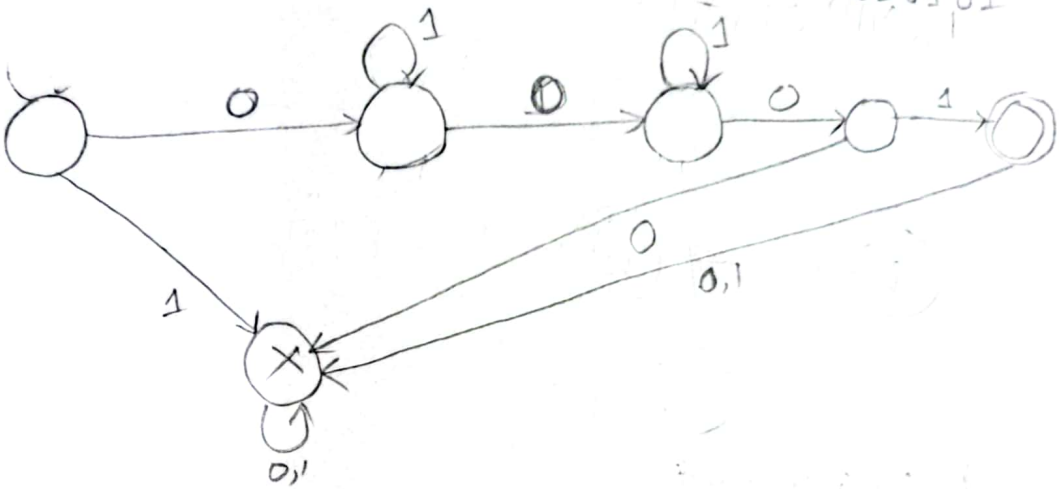
$(a|b)^* abb$ 3+1=4



set A

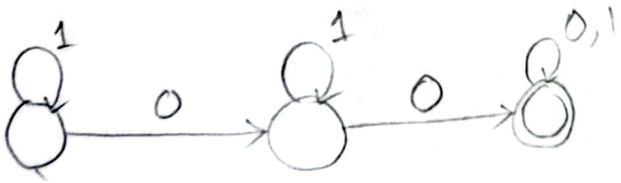
$01^*01^*01^*$

01 01 1
01 01 01

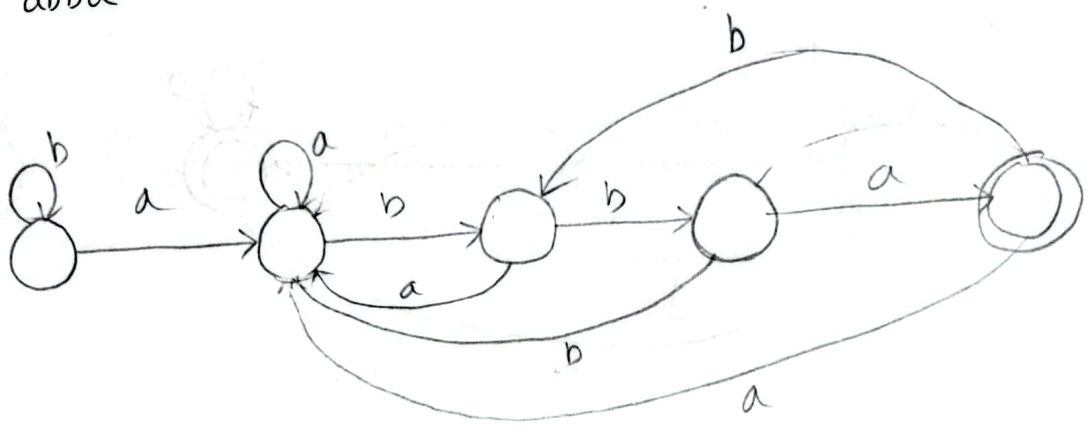


set C

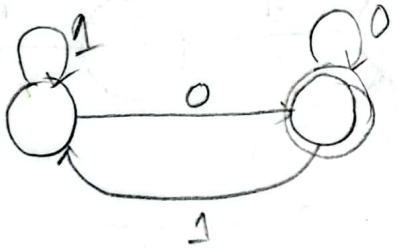
$1^*01^*0(011)^*$



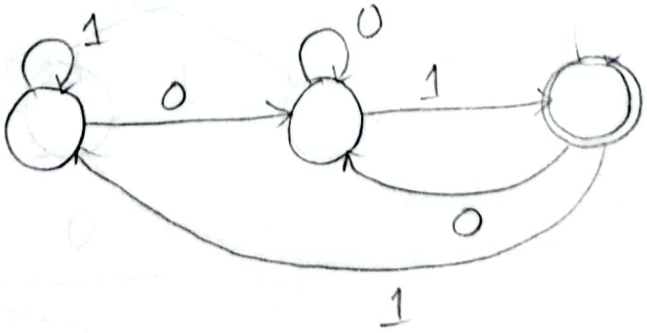
- $(a+b)^*abba$



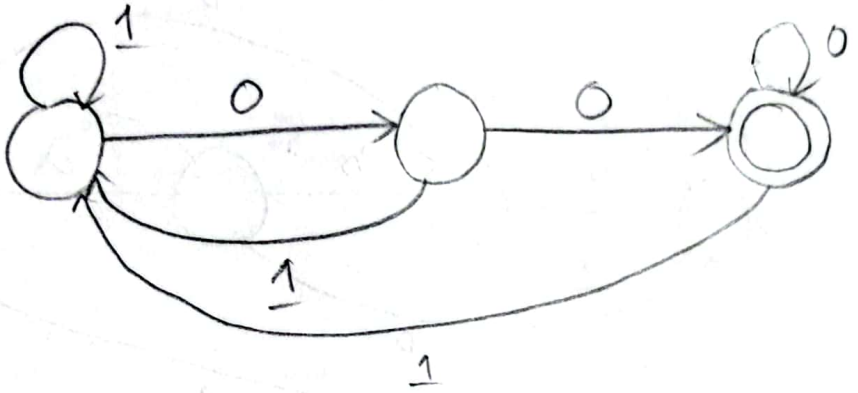
- start with (0,1) end with 0



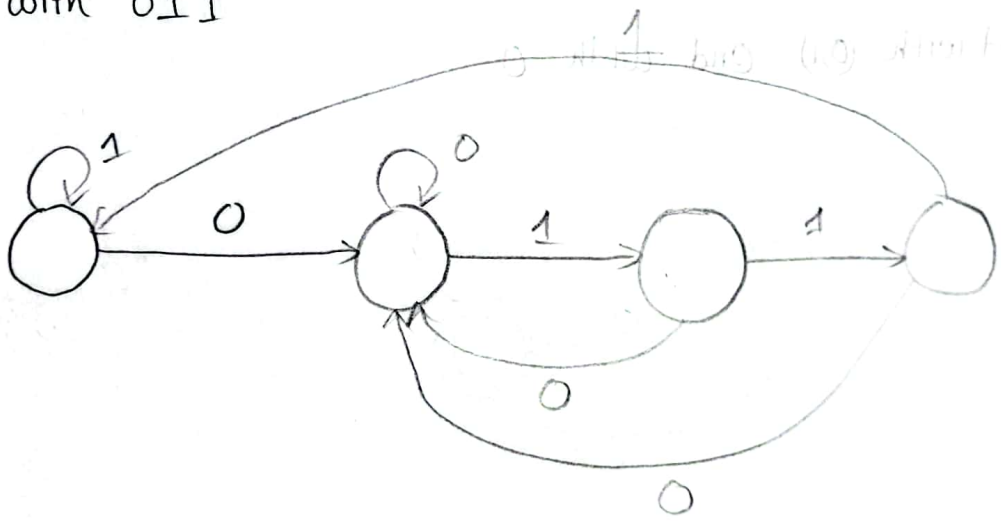
- ending with 01



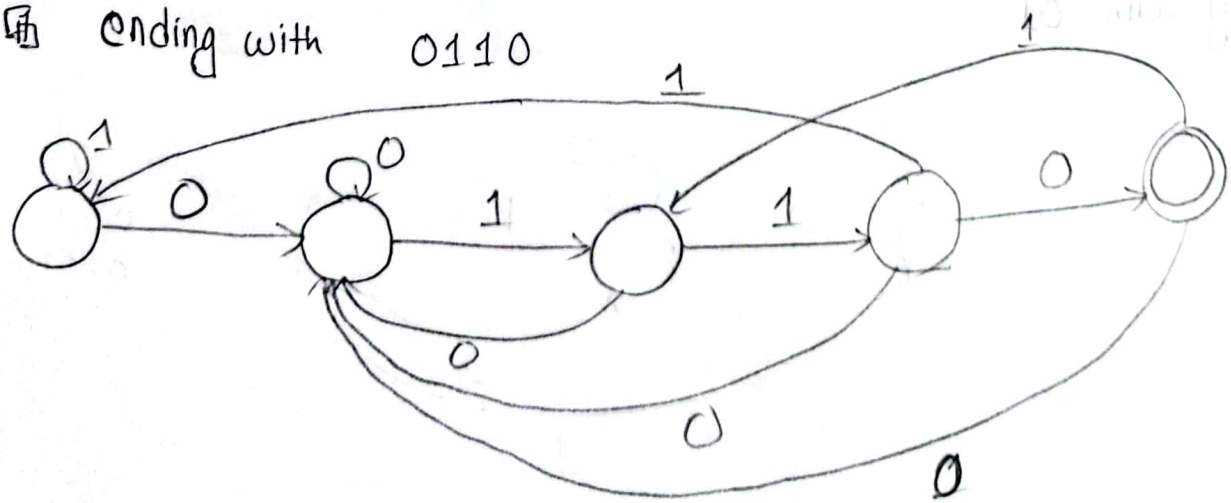
- ending with 00



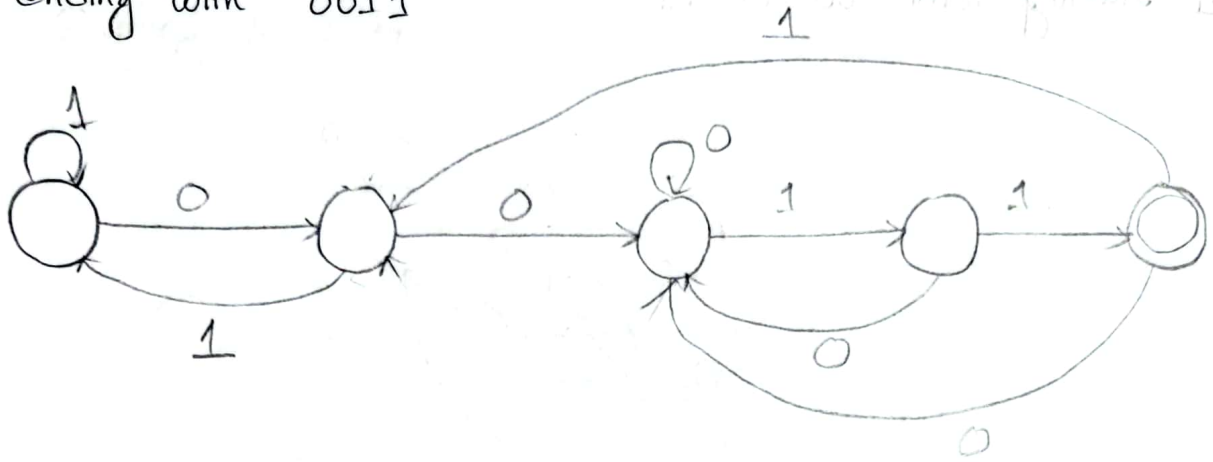
- ending with 011



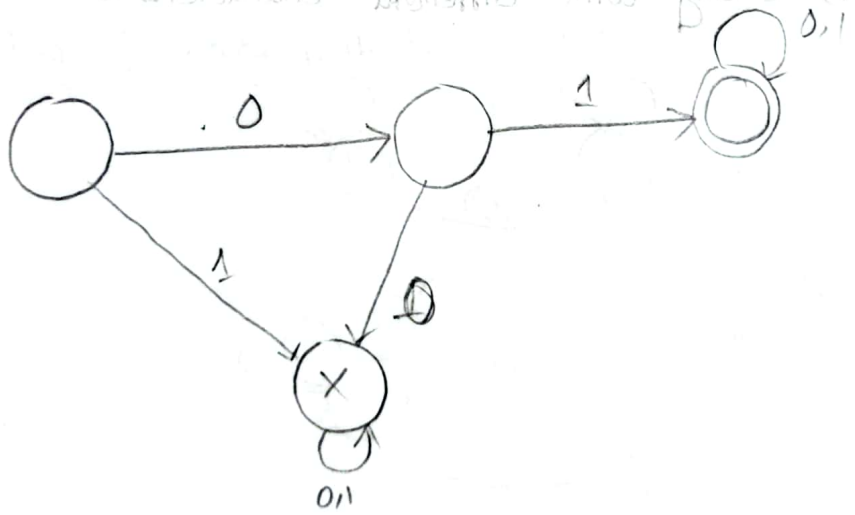
- ending with 0110



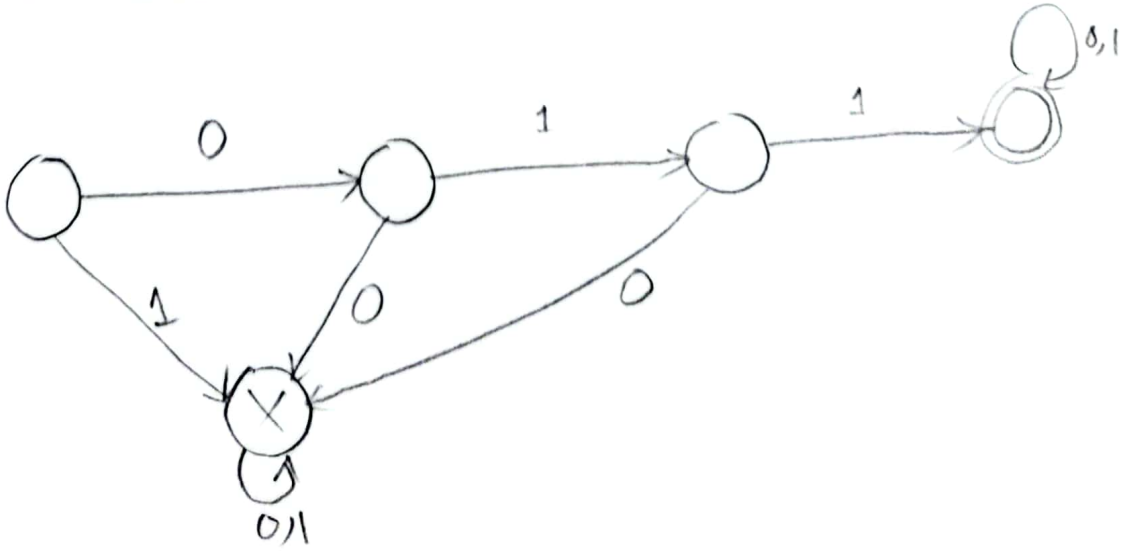
- ending with 0011



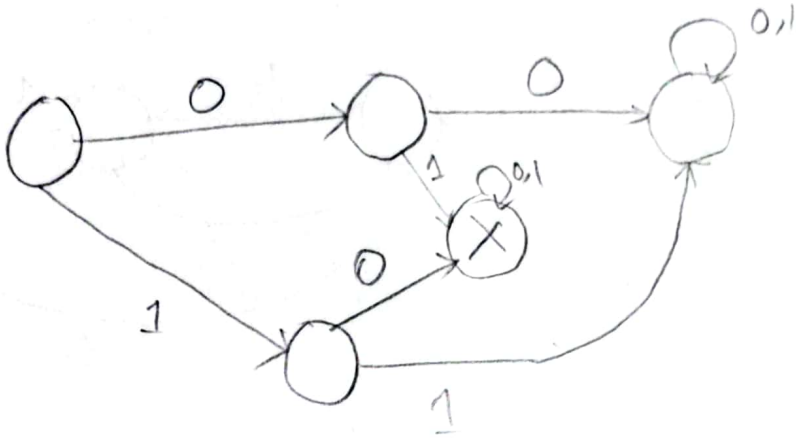
- starting with 01



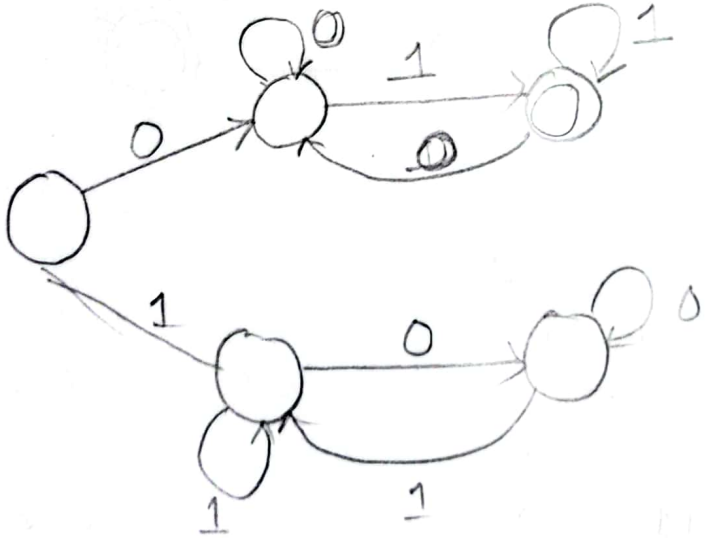
- Starting with 011



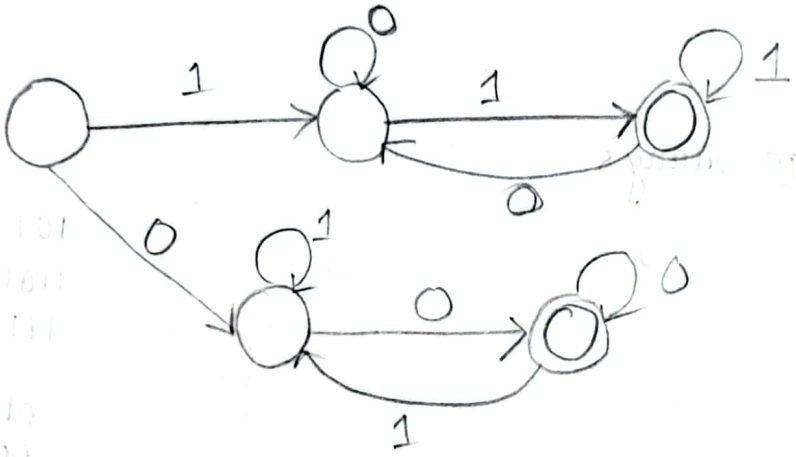
- starting with 00 or 11



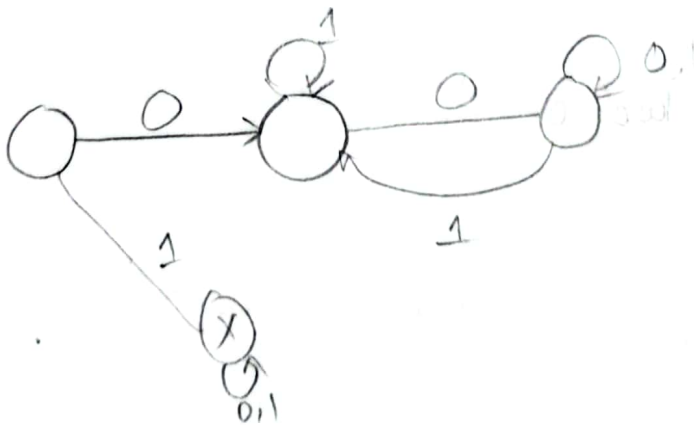
- Starting & ending with different characters



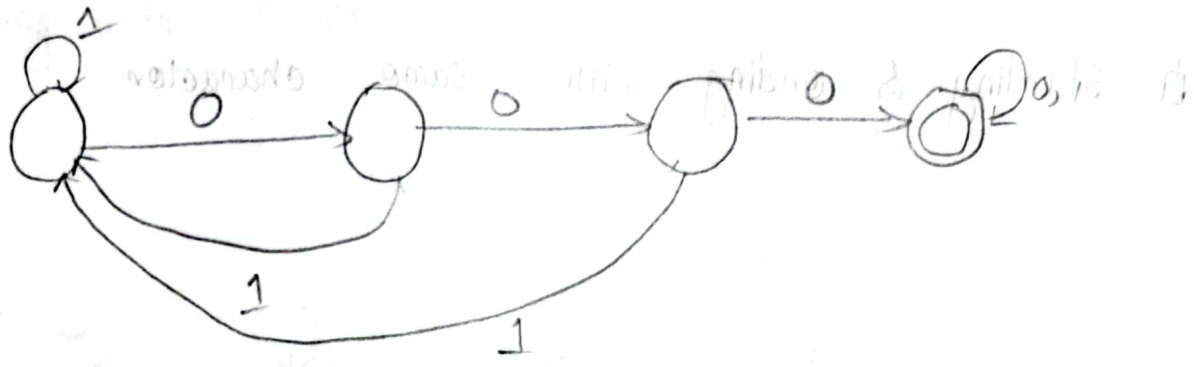
Starting & ending with same character



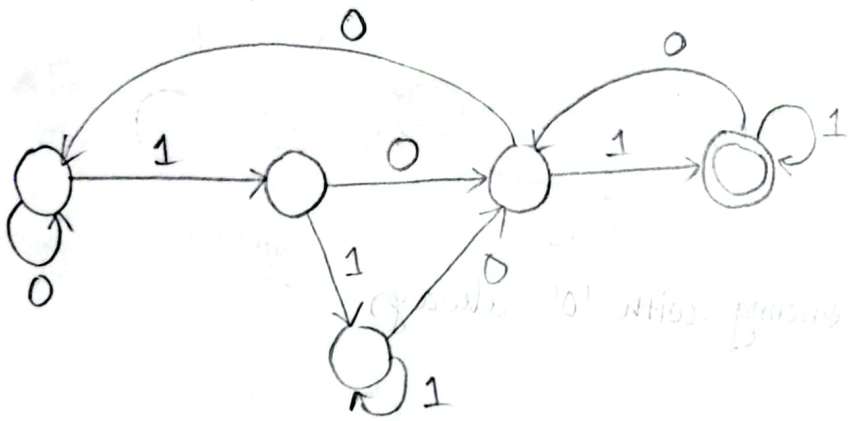
Starting & ending with '0' always



consecutive 0



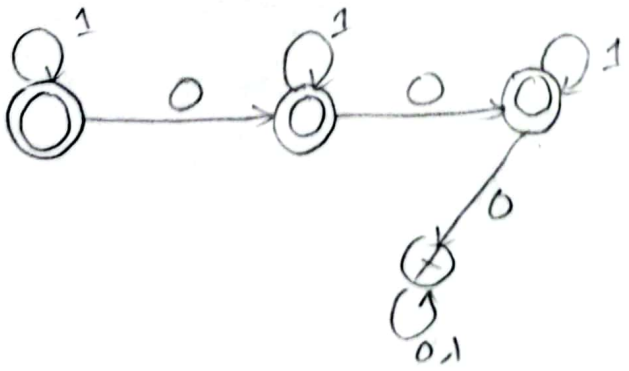
0 0r 00 1 2r always



101
11011
1110101
valid

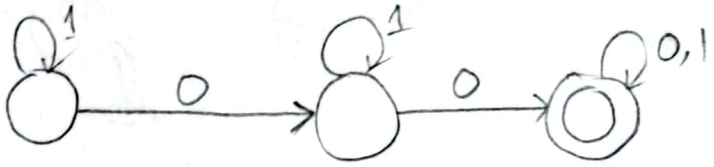
010
0011
1010
Invalid

at most two '0'

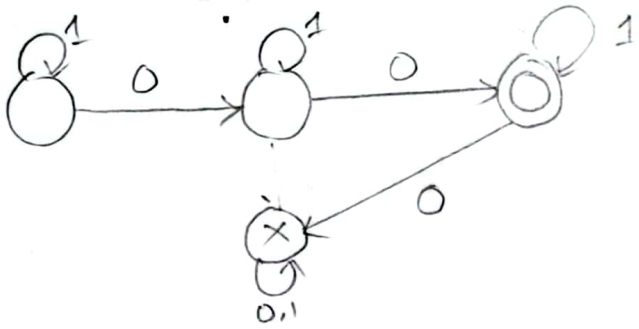


3

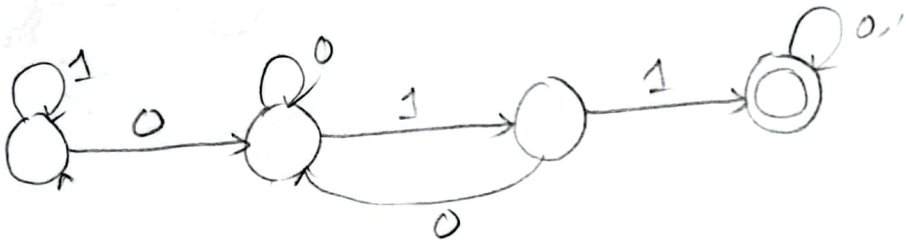
- at least 2 '0'



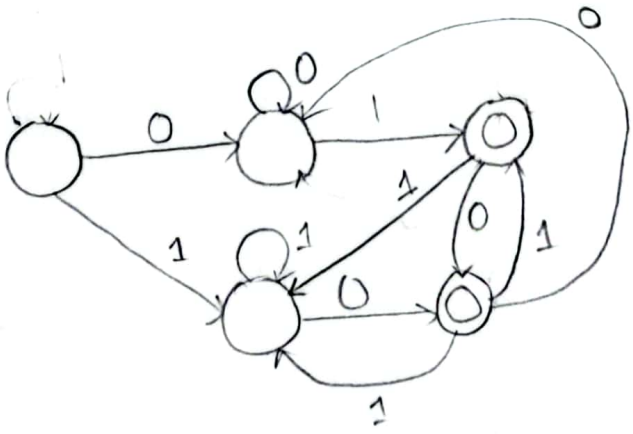
- exactly two 0 '0'



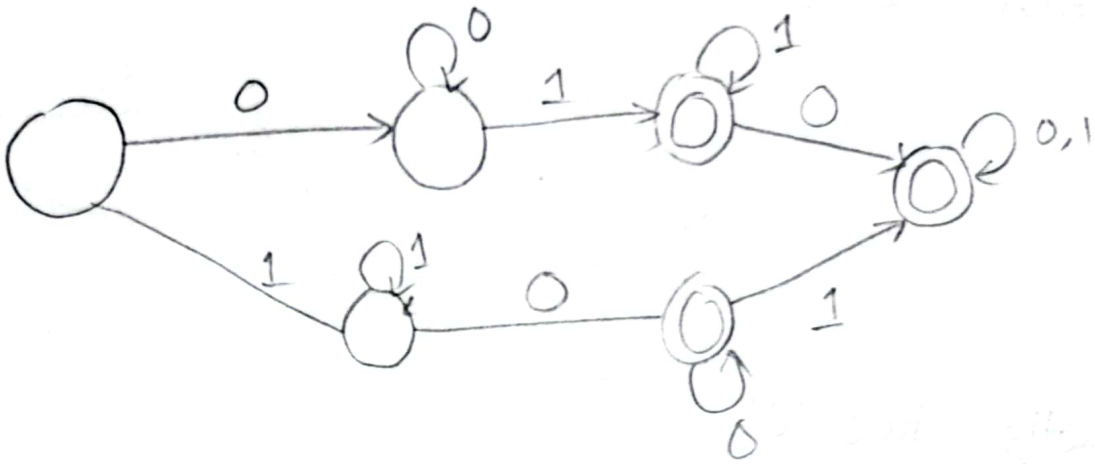
- sub string '011'



*** - Ending with either '01' or '10'



- substring '01' or '10'

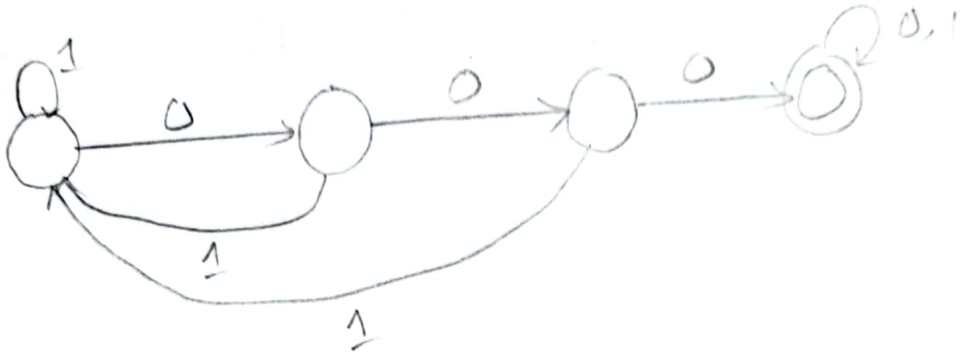


- ends with 1 or it ends with an even n.

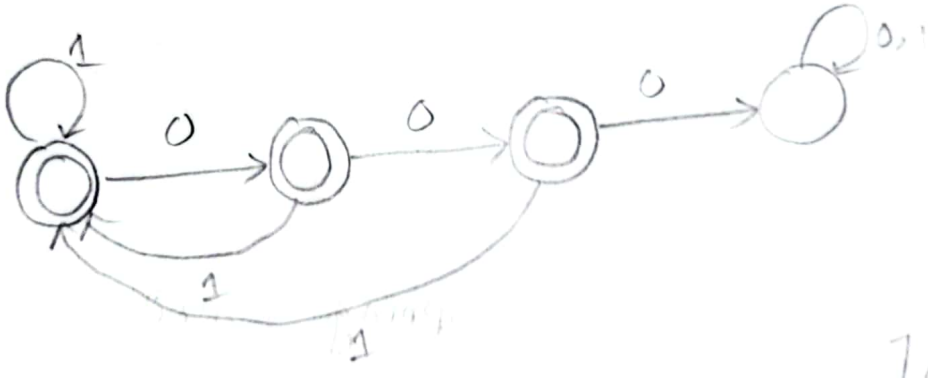
Fall 2021 (Original all

Q) b) do not contain three consecutive 0's

For consecutive 3 0's



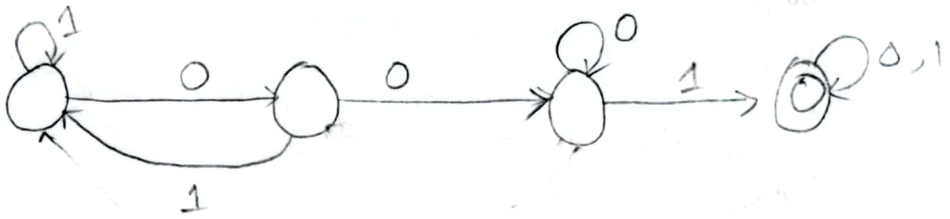
For without consecutive 3 0's



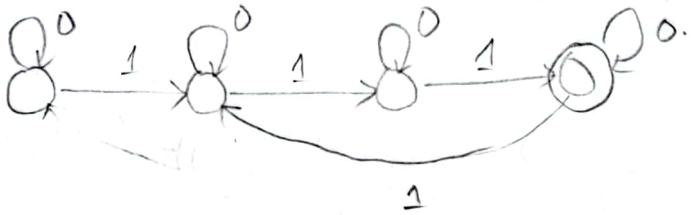
Jani na T
nahi

spring 2021

- Substring of 2 or more 0's followed by a 1



- All string no 01 1 is multiple of 3



spring - 2020

1. b) i) 0's & 1's which is of odd length & ends with 1