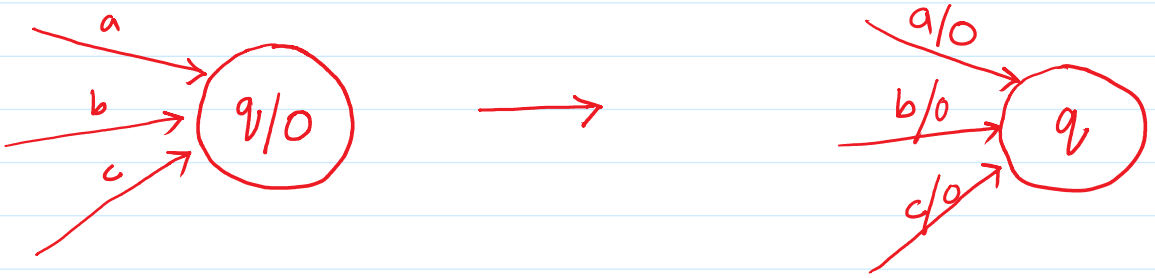
Lecture 16:- ~~Quiz~~..

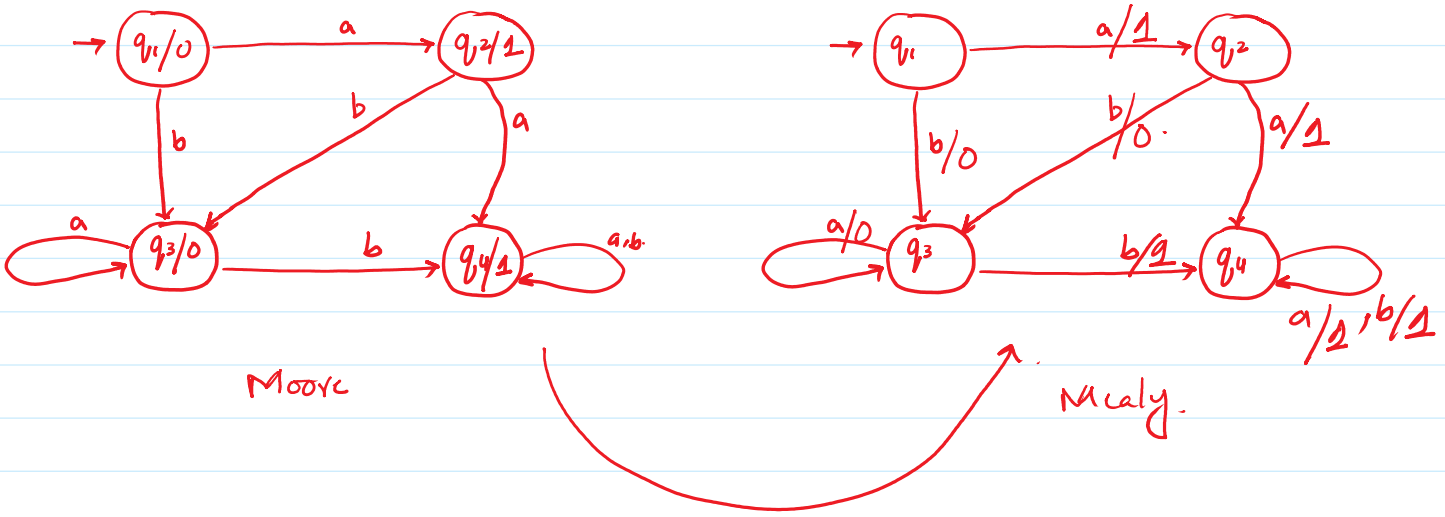
EQUIVALENT MACHINES:- Two machines are said to be equivalent if they produce the same output.

If ∀ moore machines. ∃ an equivalent mealy machine.

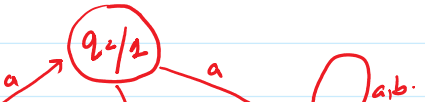
→ Conversion from Moore to Mealy.



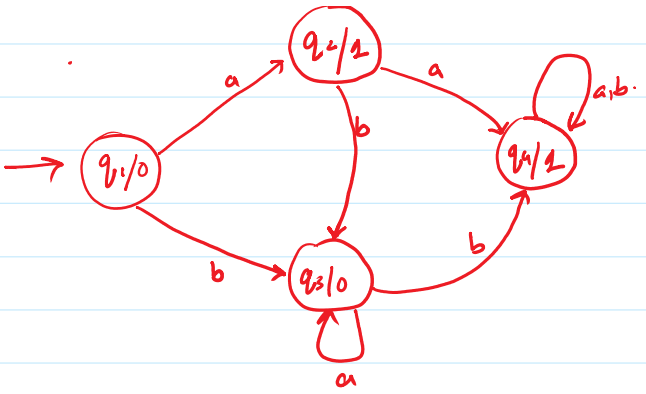
Ex:-

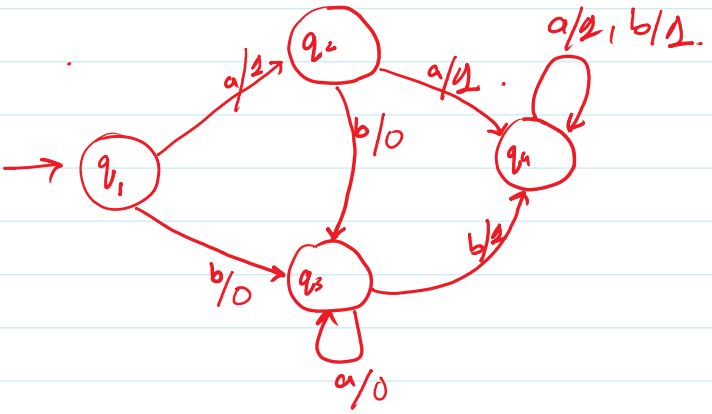


1- DFA
2- Regex.
3- TG.
4- NFA.
5- Moore.
6- Mealy.
7- Transition Table

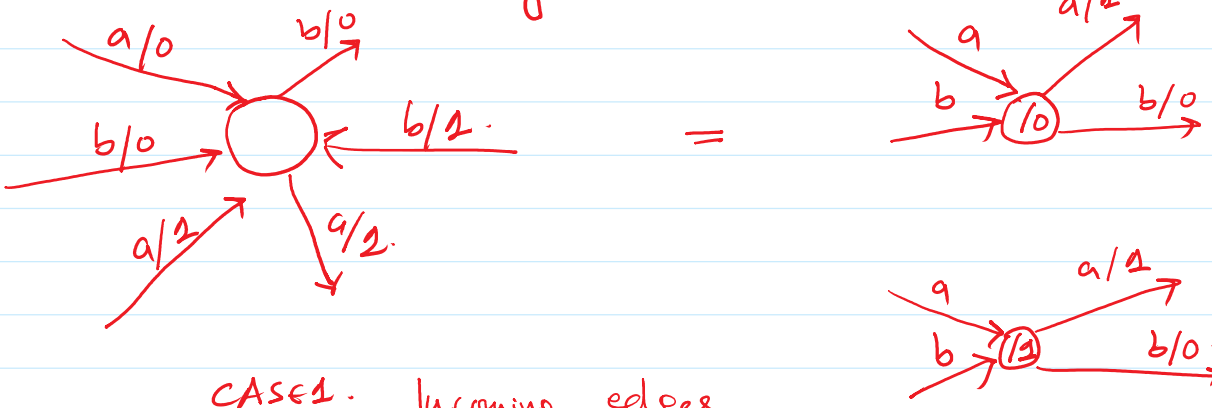


Ex:-

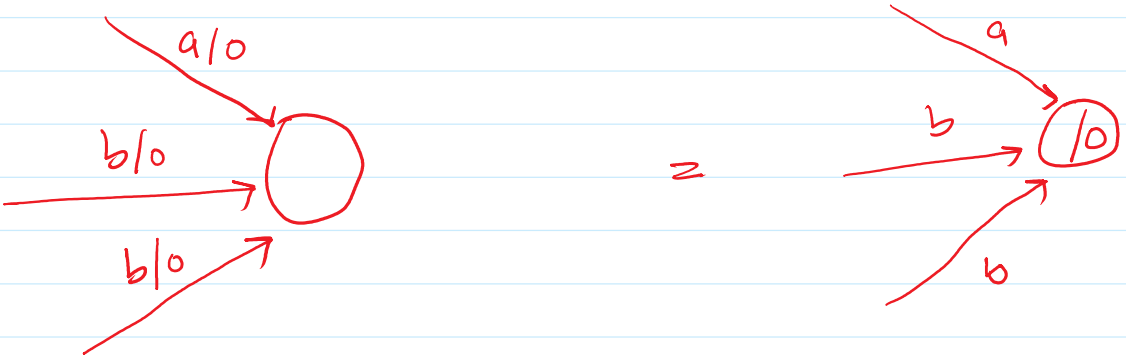




Conversion of Mealy to Moore.

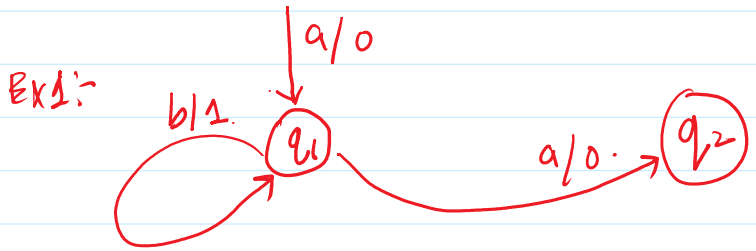


CASE1. Incoming edges with Diff Outputs.

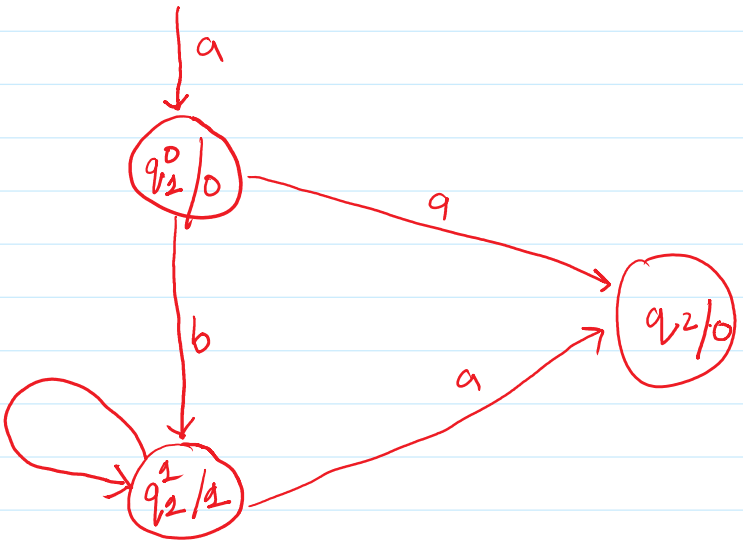


CASE2:- Incoming edges with Same Outputs.

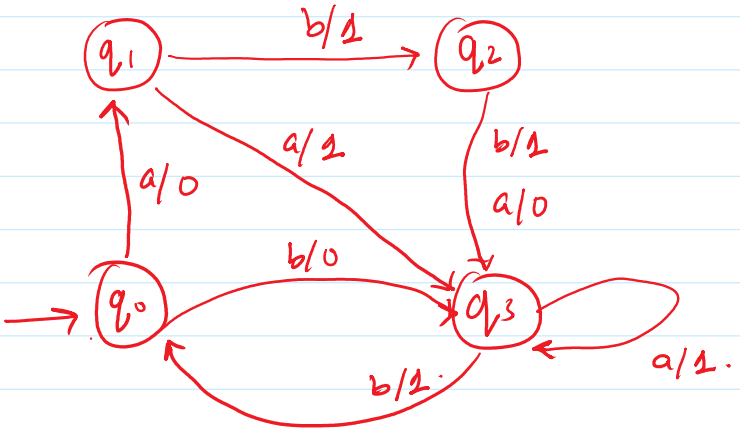
Ex1:-



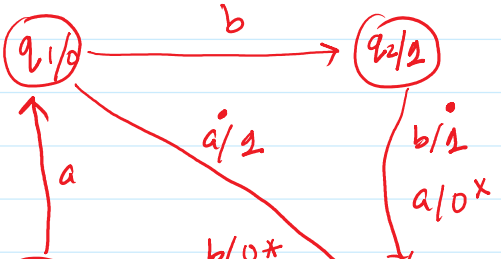
CASE3:- Loop Case.

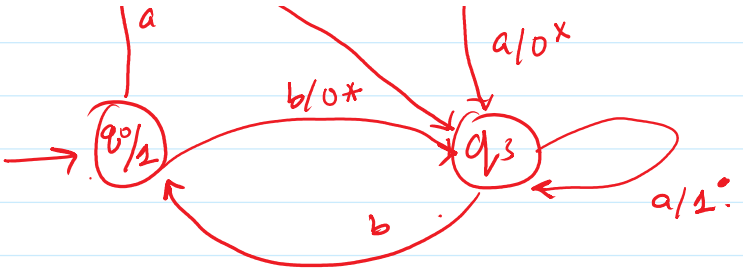


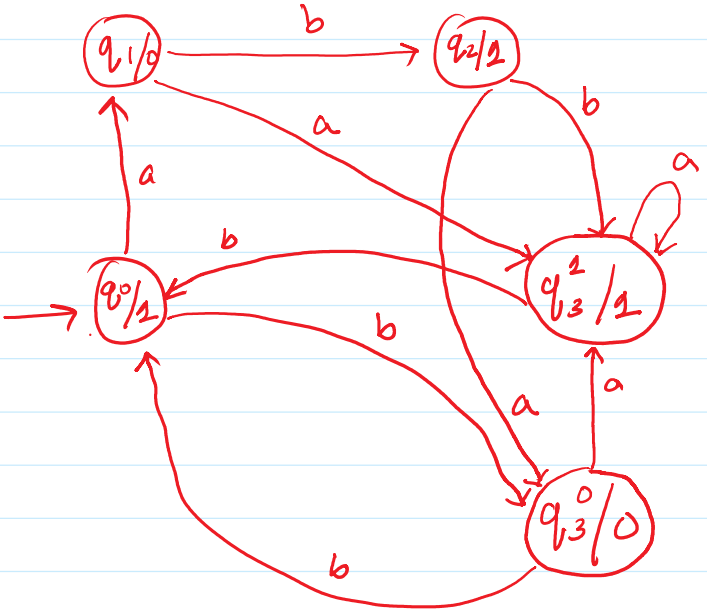
Ex:-



Initial state will have a zero if No Input.

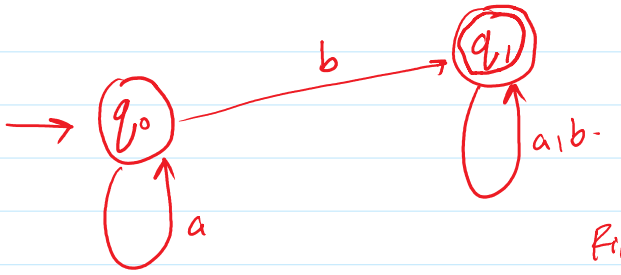






Moore Machine.

Quiz #6. 13-OCT-2022.



Find 1) Moore

2). Mealy.