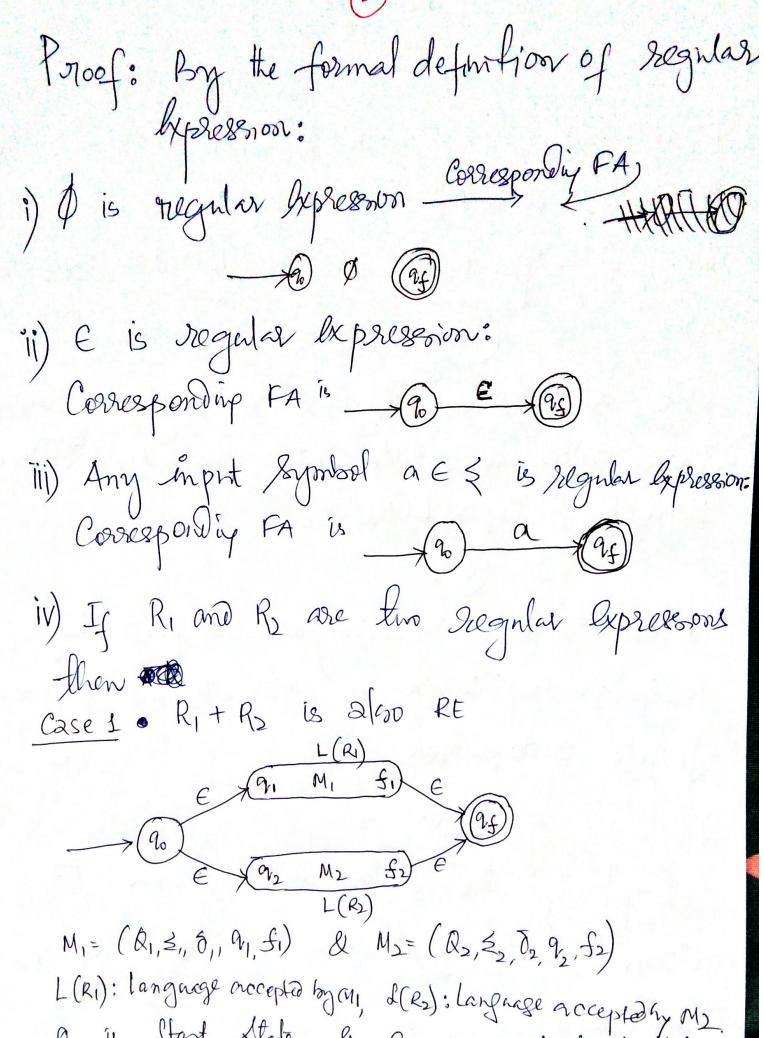
Date: 03.10. 2020. trace that there exists a finite automation M= (Q, \le 8, 90, F) to accept the language L(R) Corresponding to the regular expression OR Let R be a regular expression. Then There lxists a finite antomotion M= (Q, E, E, E, E)
which accepts LCR).

OR). Prove that every language defined by a regular expession is also defined by-finite automation. Explain the defailed plocedine to Convert /write finite sutomata For a given Expression. OR (KLEENE'S THEOREM (Past-1)) Solution.





& 95 is overall final state.

no is Stast State

Case 11: R. R. 18 2/60 RE (Concatenation) Corresponding FA is 9, is overall Start State final State. Case III: (Ri)* is also Regular expression. an MI SI L= { aa, ab}

