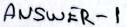
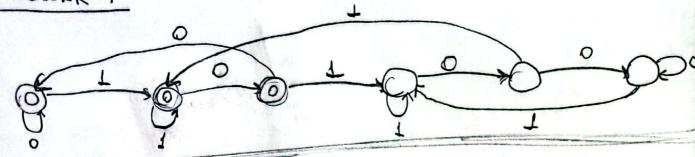
- 1) Construct a DFA to accept the following language , sossonsy L= EWEE0117: w has even number of substrings 1013





2) Describe the equivalence classes (=1) for the following language: (L= {w E {0,13 = no three adjacent characters are the same}

ANSWER-2

[e]: member ptr. concaterate with (000 U 111) to make

4 00 or 111 [0]: member str. "

000 00 11 " [1]: member str. "

0 or 111 "

[00]: member str. " 1 000 or 1 4 11

[11]: member str.

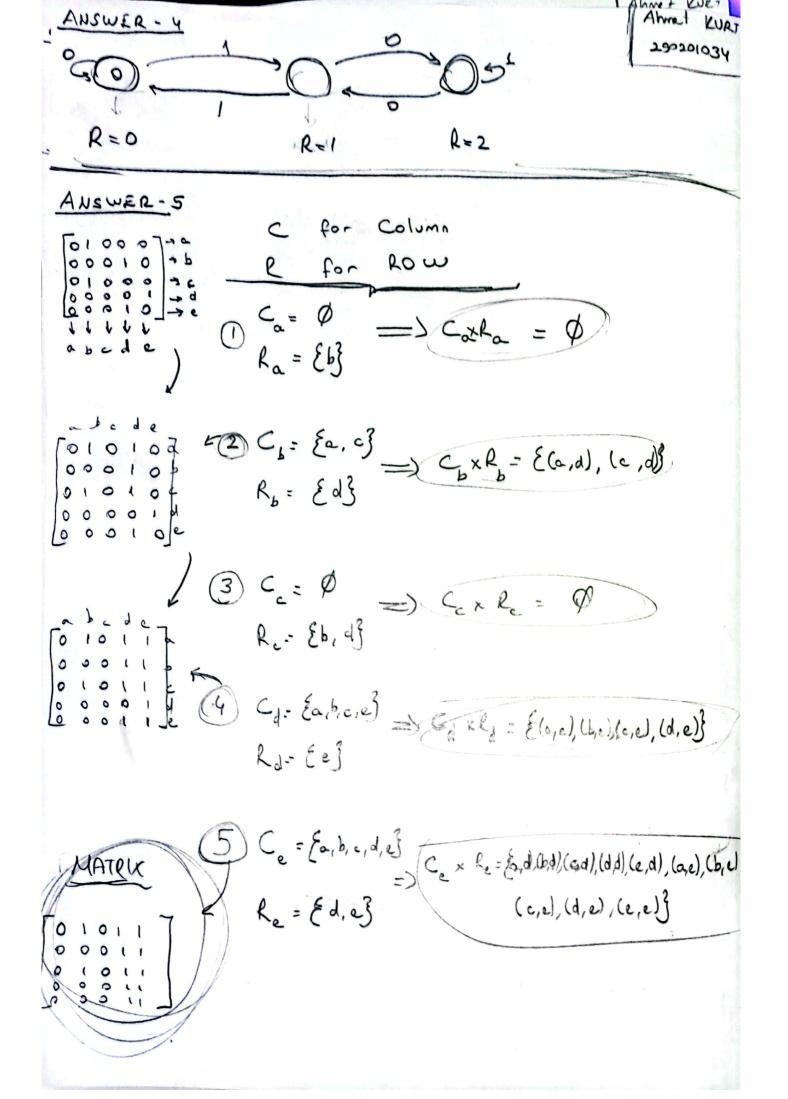
[000]: non member, no way to become a member

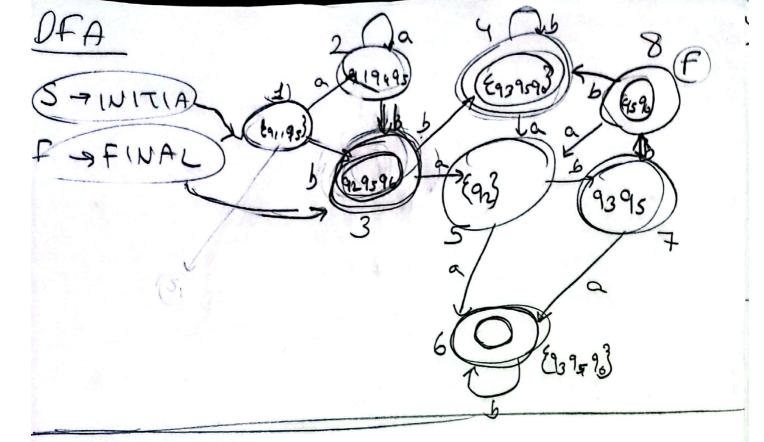
[[11]: non member, " "

(AUSWER-0

5-0M0/1M0/10M/012

H -> OM / IM/e





MINIMIZATION

5, a => {5,5,5,3} -> [6, 23] 5, 6 => {5,5,6,3,3 -> F	Sa b = Es, S, S, S, S, S, S, S, S, F	53, 6-> {5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5
Syla -> {S_1,S_3 -> {S_5}} Sylb -> {S_2,S_4,S_3 -> F	5, 6, 8, 8, 3 - 633 55, 6 - 69-69-64)	S6, 6 -> {5,5} -> ES63
St, a -> (S, S) -> (S)		ES, Soi, ES, Soi
57. p = ES3/S4. S8) ->F	So, b = Esa, Sy, Sod->F	(S), (S), (S), ARF FINAL CLASSES
		7,107,00

