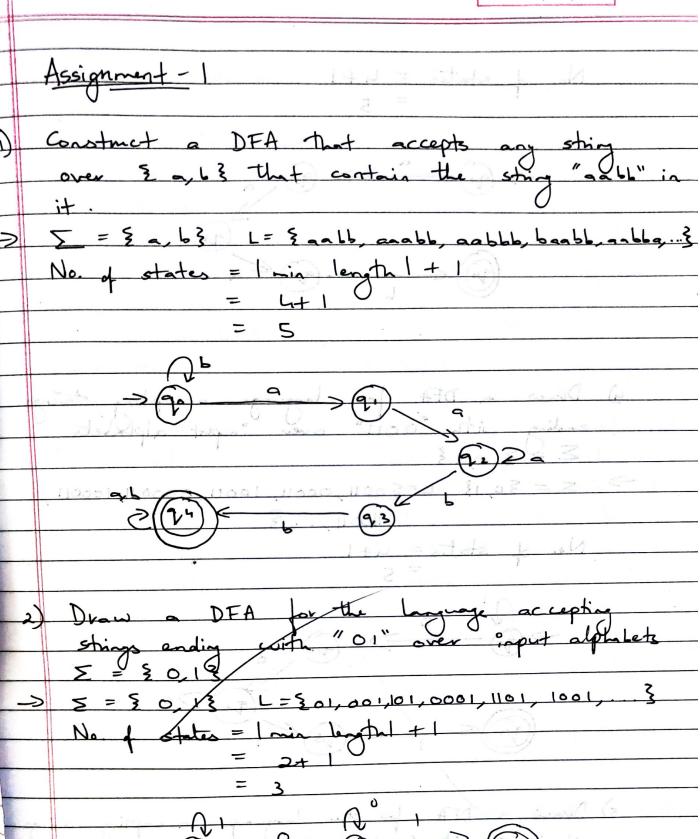
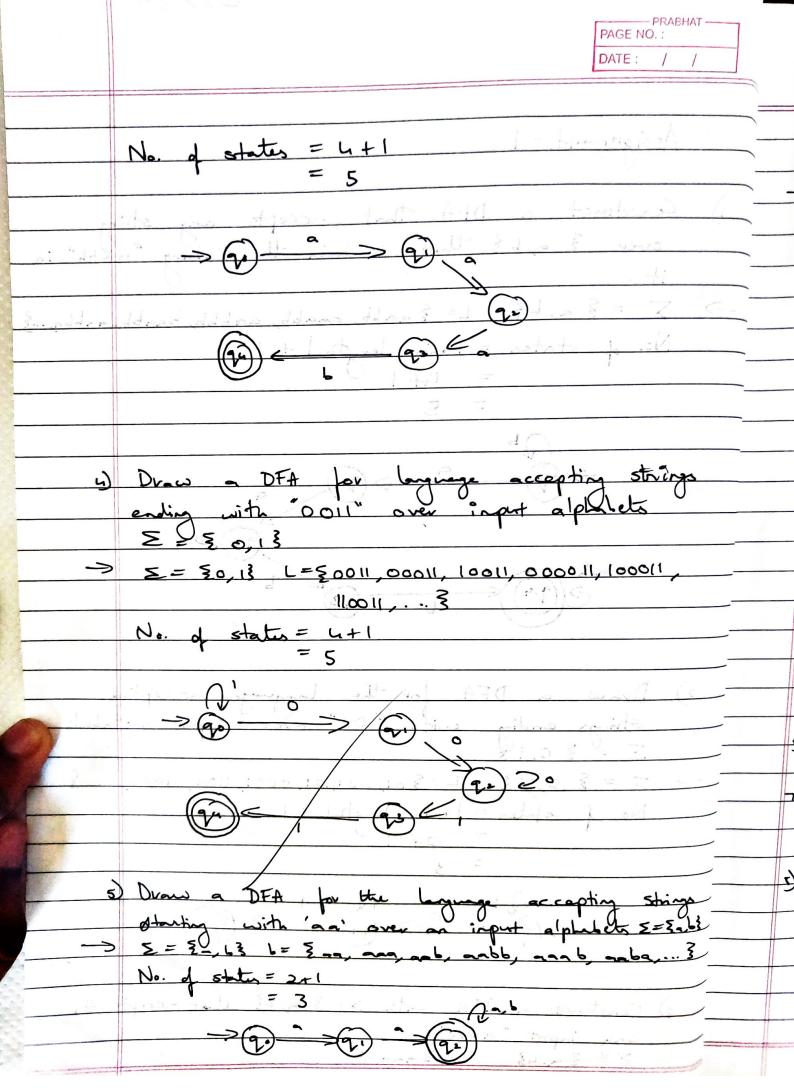
| PRABHAT | | | | |
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3) Construct a DFA with 5- \(\frac{2}{3}\) that accepts the only input "anab".

\[\sigma = \frac{2}{3} = \frac{1}{3} = \fracc{1}{3} = \frac



Difference between DFA and NDFA DFA NDFA) Stands for Deterministic) Stands for mon-deterministic Finite Antometa Finite automate Dow does the NDFA e) For each symbolic representation of applacet there is sand according to only one state transition in DFA 3) DFA connet use 3) NDFH can use Empty u) NDFA con he industoed y) DFA can be understood as one as multiple little the same time s) In NDFA, each pair of 5) In DFA, the next state and input symbol possible state is next states. DNDF+ is easier to 5) DF+ is more difficult construct. to construct 7) Time needed for 7) Time readed for string is less

string is less

All DFA are NDFA string in more.

8) Not all NDFA are DFA.