

Theory of computations Toc mechine	(1) Capability (1) Limitortion (1) Limitortion (1) Limitortion (1) Symbol is the basic building Blog	of toe. Example > a, b, c, Example > a, 1, 3 Albhabet: Finite set of symbol	$\Sigma = \{a, b\}$. $\Sigma = \{a, b\}$.	PgDn PgDn Ins Oel
HAMMAN	444444	mm	mm	1212

Shing & Arnite sofr out symbol.

See 13

W=0110

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Language: Collection of Strang. bind p. ind

Example: Collection of Strang. bind p. ind

Language: Li = set of all strang over Z ob

Longuage: zet of all strang over Z ob stan

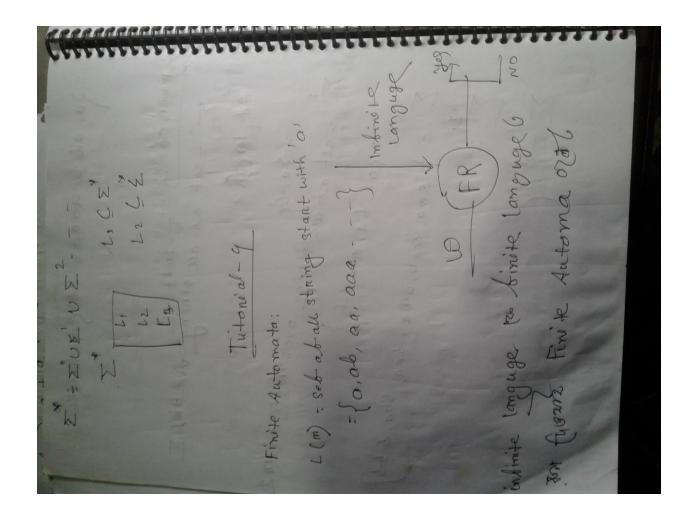
Longuage: zet of all strang over Z ob stan

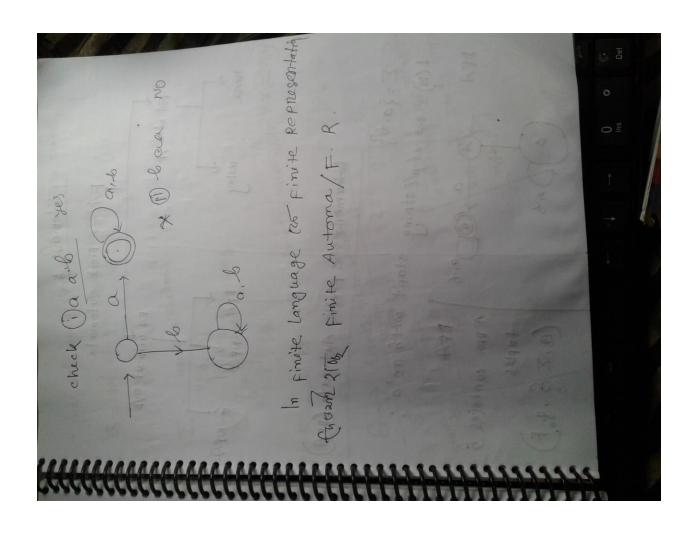
Longuage: zet of all strang over Z ob stan

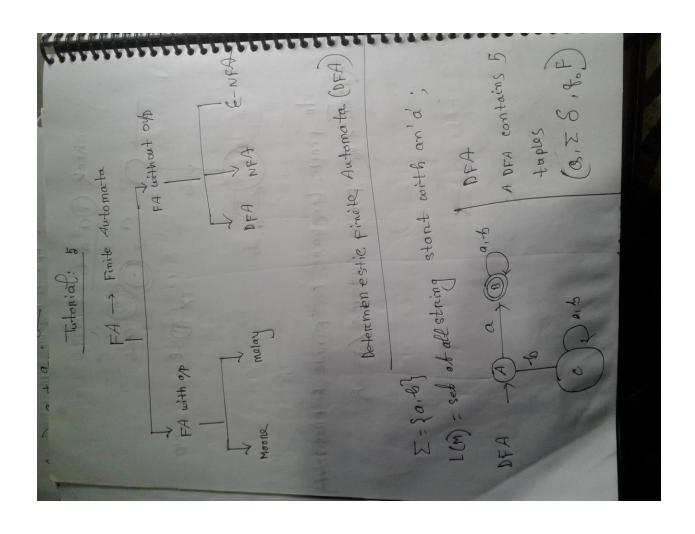
power of E = 10-63 in finite.

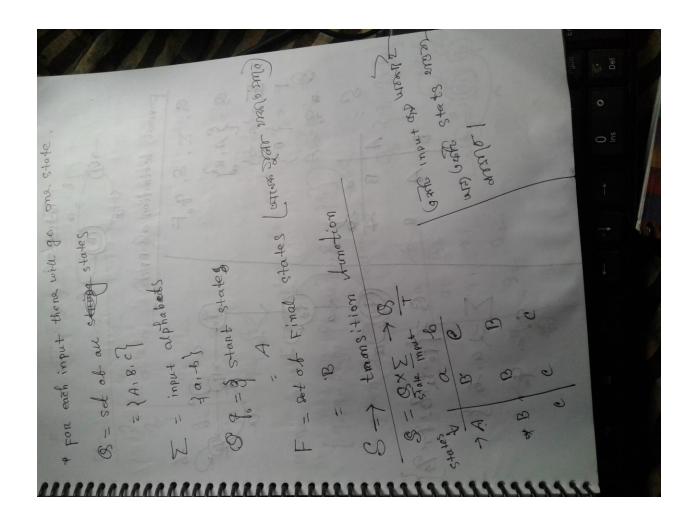
Sind all string over this E shing.

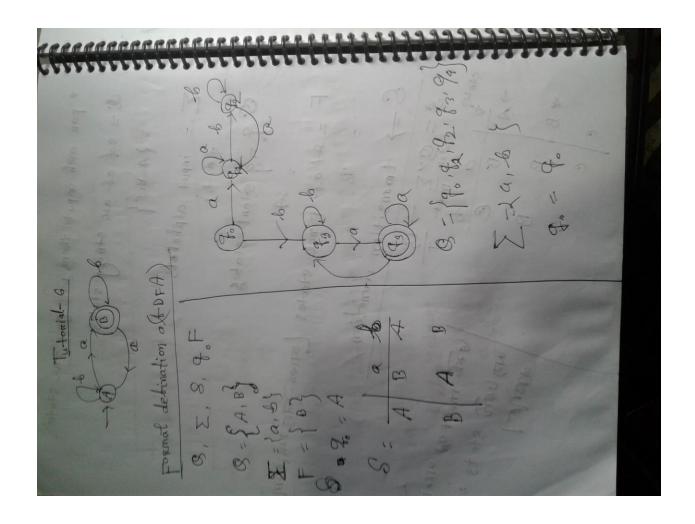
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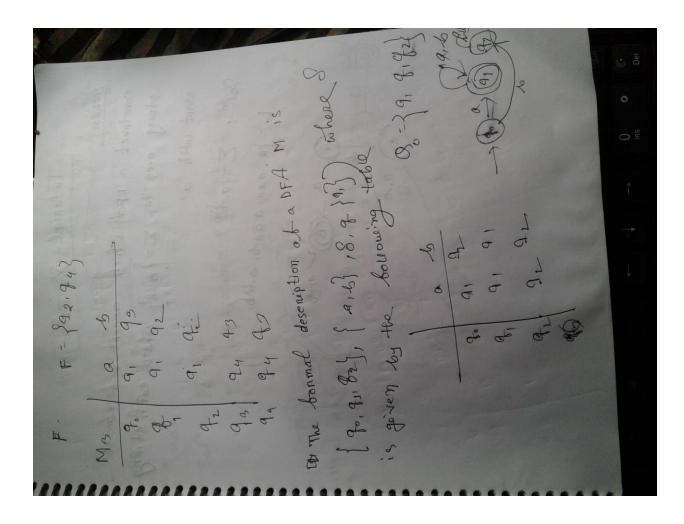




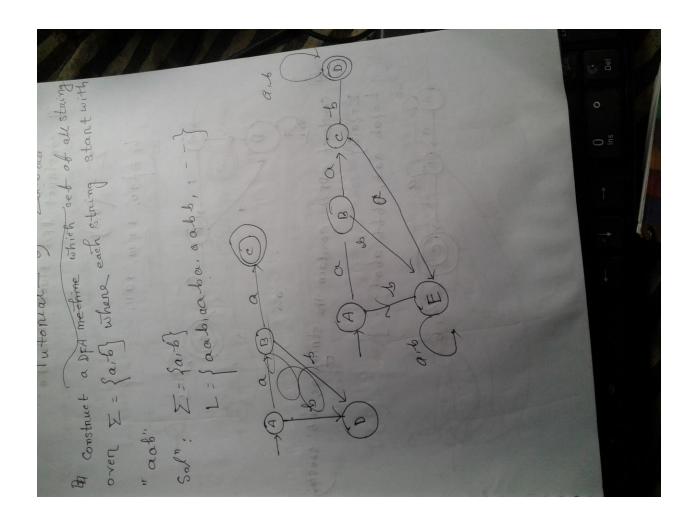


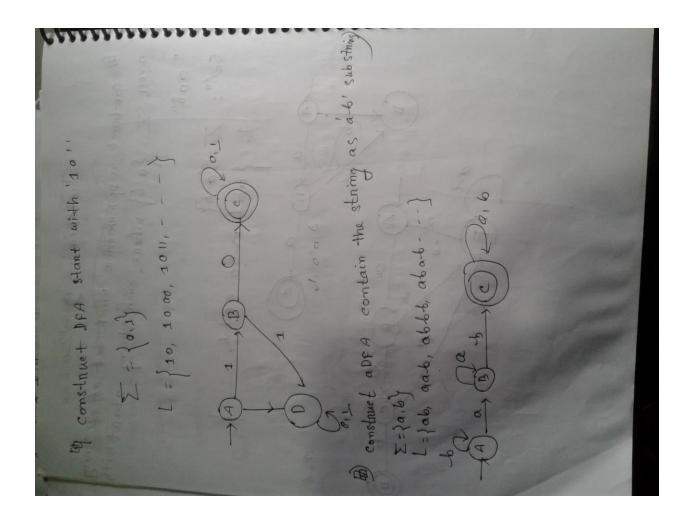


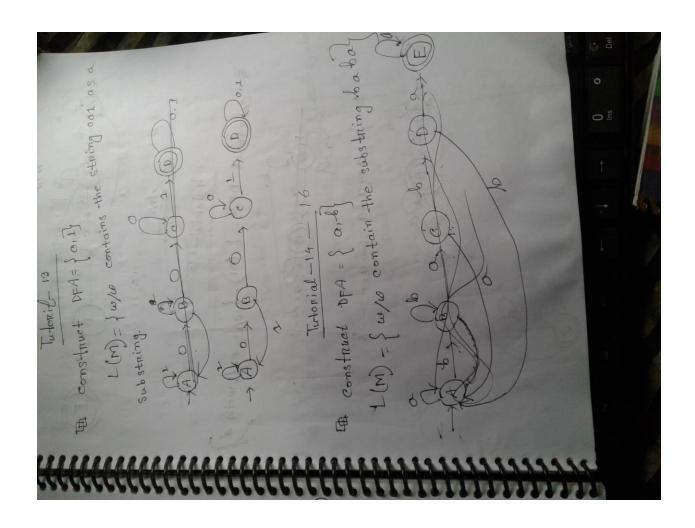


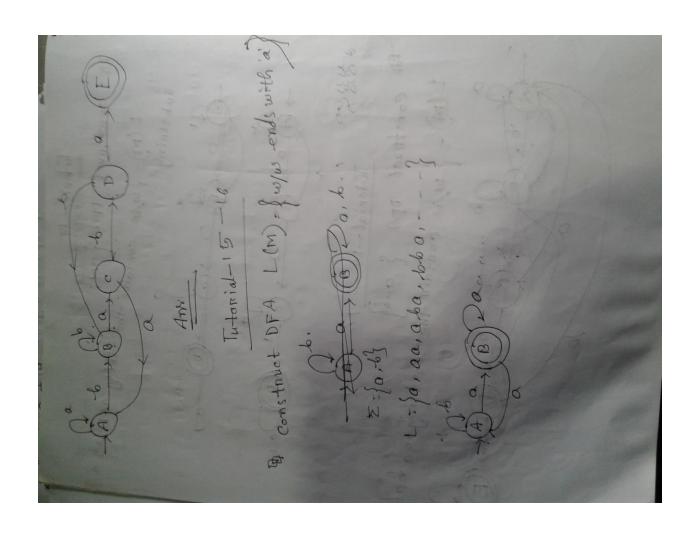


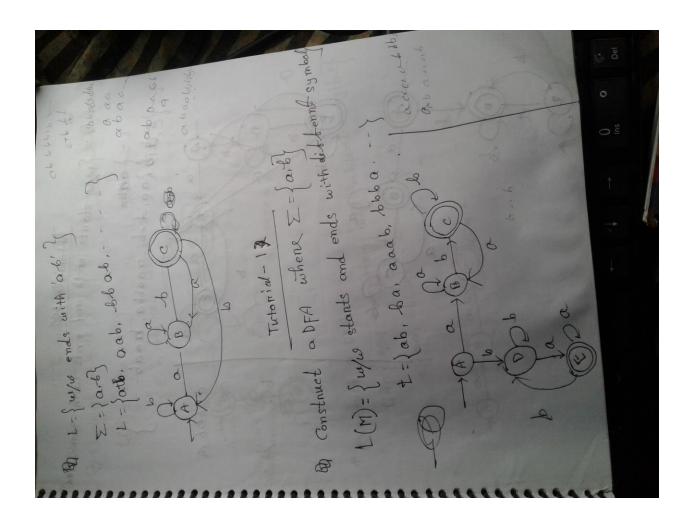
problem: construct a DFA which accept set ob all	start with a	Solm: == faibs == -> [== faibs == -]	4 a b a b	Pair Company of the C	
Probl	sta	Soft			3

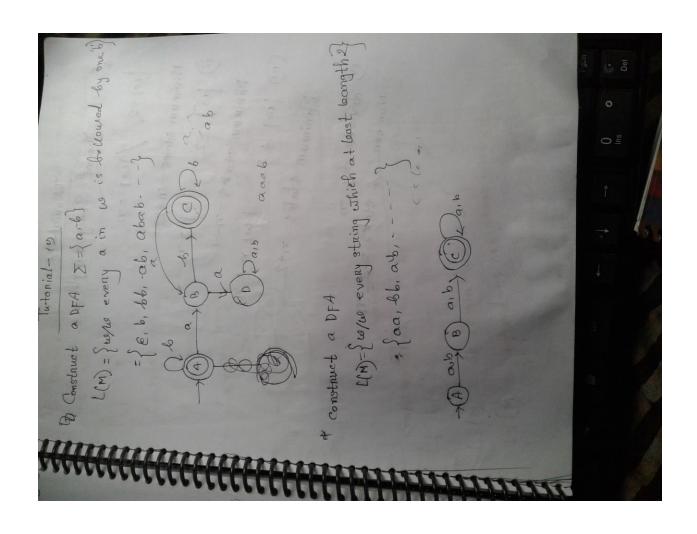




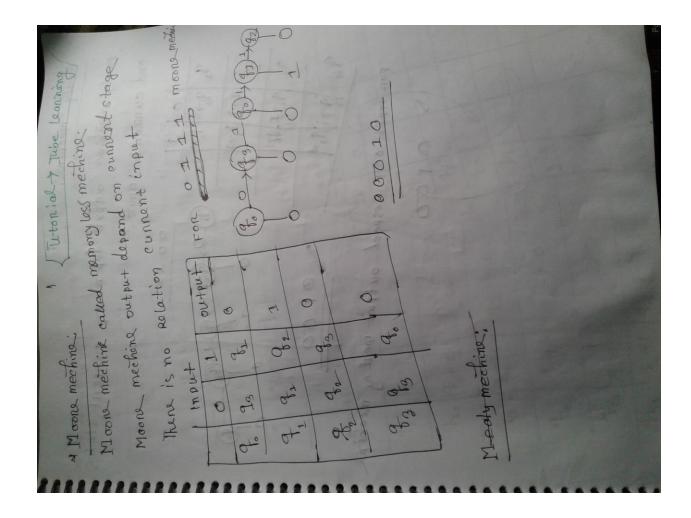








1. Minimal String beingth. Lot = 2 Lot = n+2 Lot > 2 (w) > n Minimum states = n+1 Minimum states = n+1 Minimum states = n+1 Minimum states = n+1 Winimum states = n+1 Number of states = 2 n Number of states = 2 n	wol =2 / wel =n+2	(i) w >2 (w) > n Minimum states = n+1 (ii) w \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Number of states = 2 m	
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