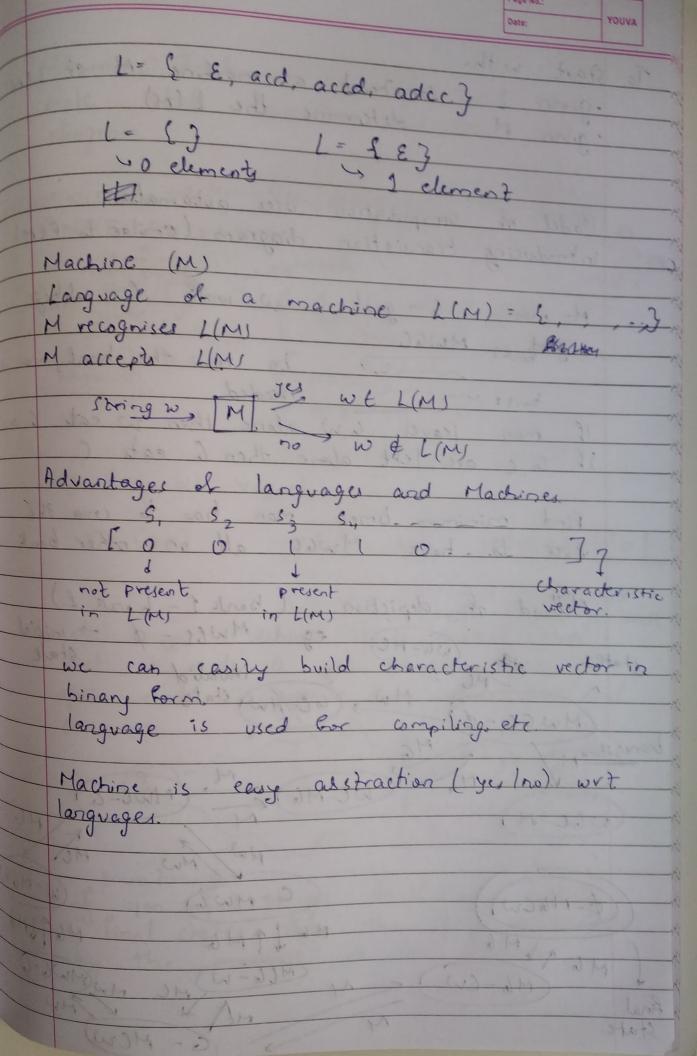
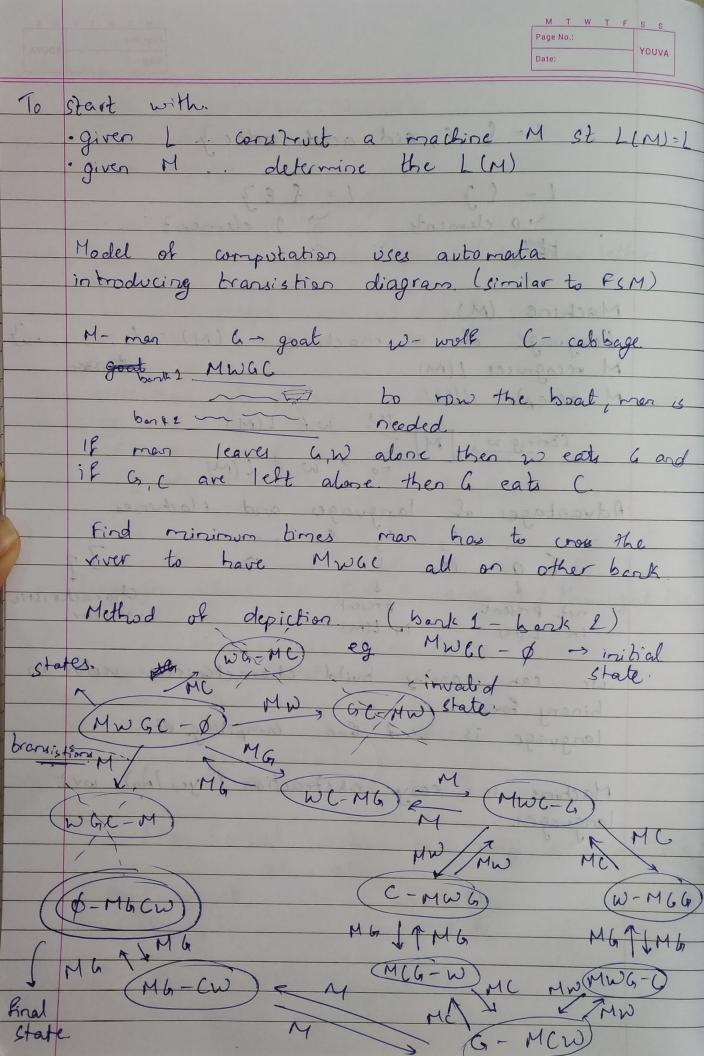
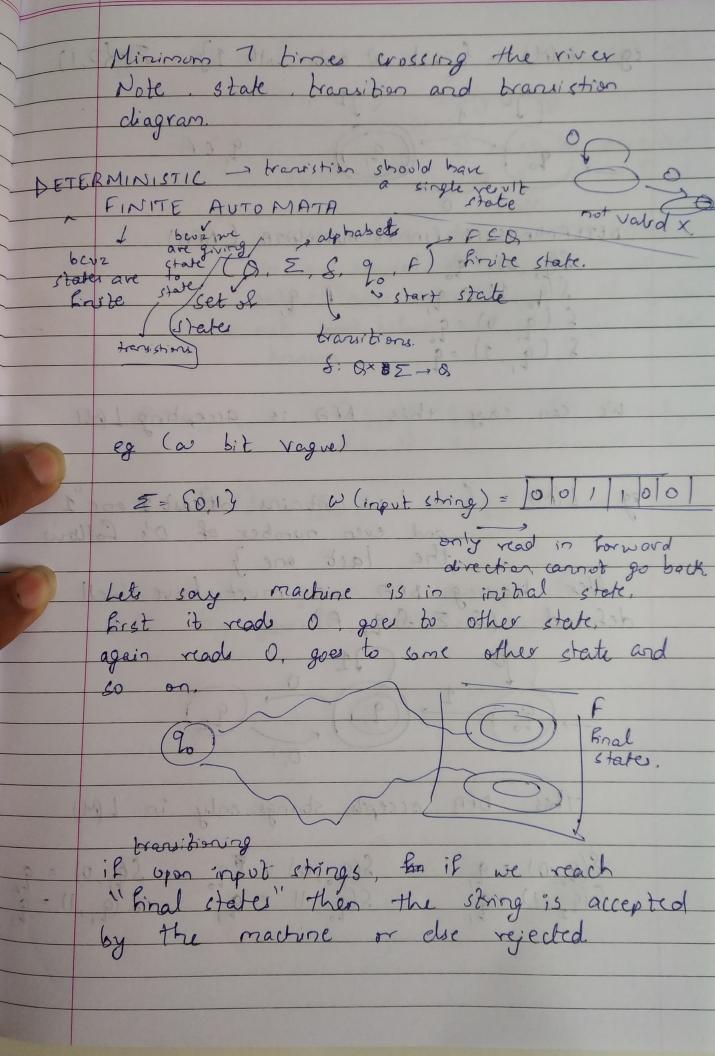
	AUTOMATA THEORY
	Formal Language
	(Rivibe) alphabet = E
	La set of symbols (digite or letters)
	eg. $\Sigma = La, b, c, d$ String over a Σ
	Z= [a b (d 1, 5, 8 }
5	mathematical madel related to computation
	String over a E
3/0/3	collection of alphabets from E
Ida	eg. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	string = acd, acced
	eg daca social interest
1	eg daca jrochixes
	da ca Jsuffixes
	lessed stataster promo statute hered
6	language refers to formal language (throught the
	course)
20	seteratione problems taking lot
	larguage is a set of strings
, slate	va ainter todt marker shura shurara.
20	L= & acd, accd, adcc }
	L= { a, ad, dc, bed }
I Savi	o words usixologous to consider discourse of
	L= Swl whas as many a's as b's
	as, assa,
	$\frac{1}{1} = \frac{1}{2} = \frac{1}{1} = \frac{1}{4}$
	w = 2
ep	silon & -> empte chi- ("")
	silon & -> empty string ("")

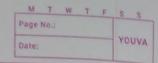
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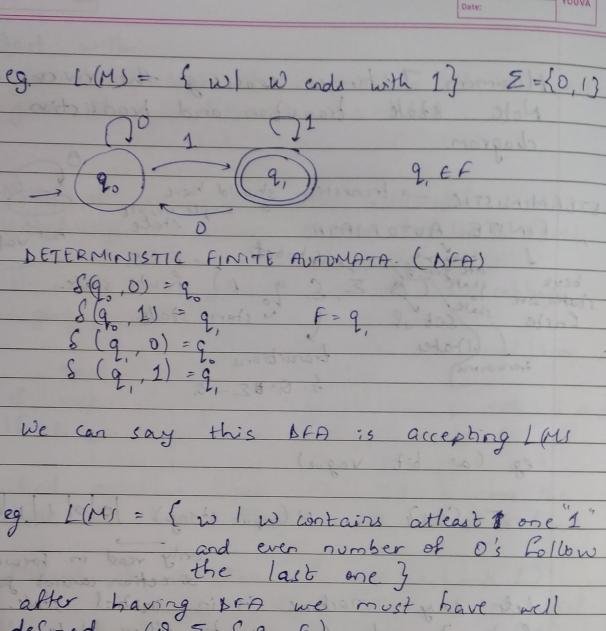
TOUVA



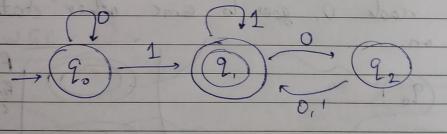








defined (8, E, S, 9, F)



This DFA accepts strings only in L(M)

$$S(q_2,0) = q$$
, $S(q_0,0) = q_0$, $S(q_0,0) = q$

