	Subject: - Automata Thanky Experiment / Tutorial / Assignment No. :- 03
81)	Construct NFA for each of the following:-
a) Ans	Binary Strings that begin with 11 and end with 11 or begin with 00 and end with 00.
कीध कीध	Binary Storing with 000 or ending with 111 (or both)
<u>c)</u> Aus	Strings over Ea,b,C3 that contains atteast one a and atteast one b. And MAAC Accredited Above Above
d) Ans	String over 19,63 that contain at least three a's or at least two b's.
e) (Binary Strings in which the first part of earn string contains atleast four is and the serone root contains atleast three o's.
	Constant of the Constant of th

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	1,0 DP1,0
8.2]	For following NFA find oquivalent DFA.
<u>a</u>	1 17.33 13 13 133 2 133 13,43 143 # 3 143 13 13 # 4 12.33 13 13
dhy	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	A=113, B=12,33, C=12,3,43, O=11,3,43 Table. becomes. X S(y,a) S(y,b) A B A # B C D # C C D
	# 0 C A X S(y,0) S(y,b) A B A # 8 B 0 # 0 B A

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	: DFA according to table.
	Da Da
6.)	- T +2
9	$\frac{\alpha}{\alpha} = \frac{y - c(\gamma)}{\alpha} = \frac{b}{\alpha}$
91	2 a,b f13 f1,23 f1,33 f3
	11,33 11,2,33 11,2,33 12,33 4 12,33 11,23 12,33
	\$ 11,23 11,23 £3
	\$ 1,2,37 1,2,37 2,2,37 12,38
	A = 413, B = 41,33, C= 41,2,33, 0= 42,33
	and the same of th
	x 8(y,a) 8(y,b)
	A 8 F 150 9001;2015 Certifile
	NBA and NAAC Accredited by
Tiele.	# D & D
	# E B F
0	(g,a) S(y,b) S(y,c)
7 6	1903 (90,91) 1923 1903
1000	1924 1927 13
10 10	\$ 190,93 190,9k 1923 1903
	Date of Personal Control of the Cont
8 -	8 = 6923 C = 690, 9,3
1-	5(y,a) 5(y,b) 6(y,c)
Sangian way	Alles The wasternament B A
	AB OB O
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<u> </u>	ubject :-					I / Assignment		. कार्नी!	Page :-
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			- 1×	5 a	(0)				
			<u>(C</u>))	(a,b,c)				
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