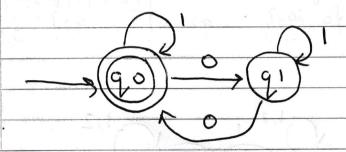
Assignment 1

Name: Danyl Fernandes Roll: 72

1D: 2020012004 Sub: TCS

1) Alphabet 80,13

L= 1 w | w contains positive even 0's}

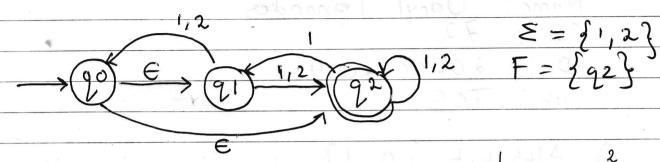


$$Q = 90.91$$
 $E = 90.91$
 $S = 90.91$
 $S = 90.91$
 $S = 90.91$

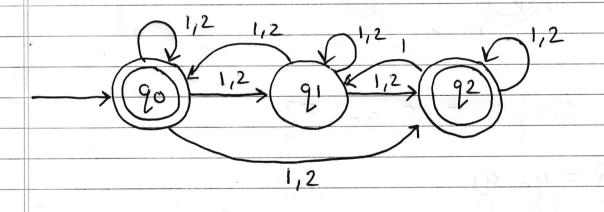
Q/E	0	Ì
90	91	90
91	90	91



2 Constrict NFA without E-moves

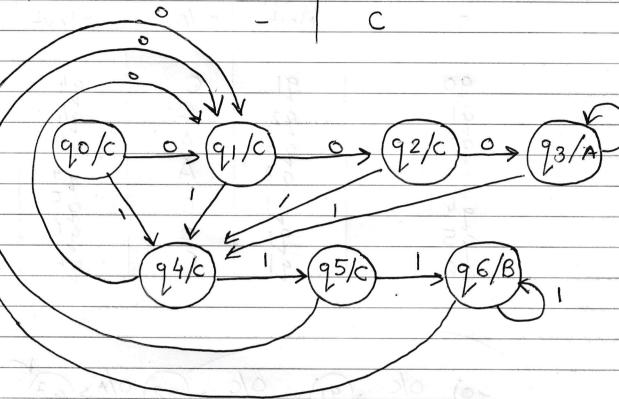


	45.74				1 1 L		
0	E clousure	d(1,0)	2(1/1) 9	$(\gamma, 2)$	E(x2)	E (x3)	
90	990,91,928	No State of	290,91,923	[90,92]	£90,91,923	290,91,93	
92	£ 923		{91/92}	92	Eq1/923	£92}	



daram

3)	E = \$1,07	1/p	0/6
	C , 2	000	A
		1111	B



Moore Machine

Q/E	1/P	I/P	0/P	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
90	91	94	C	
01	62	94	C	
62	43	94	C	
9.3	43	94	Δ	
94	41	V ₉ 5	C	
95	91	96	С	
46	91	96	B	tro-all
V	V	L	_	

	<u> </u>	
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	7)
\geq		1

٨	•			1 9
Model	machine.	10	GUINA	ent)
V. C-9/	1 - 1 - 1 - 1	-	7,	

undaram)

Present State	1/P=0 1/P=1			
THOSE STATE	Next	OP	Next	0/P
		2 0		
9,0	91	C	94	C
àl	02	C	94	C
91	63	A	94	C
93	0.3	Α	94	С
V	91	C	9.5	C
94	91	C	96	В
1010101 10	9	Co	9,6	B
96	-	1717	V	

