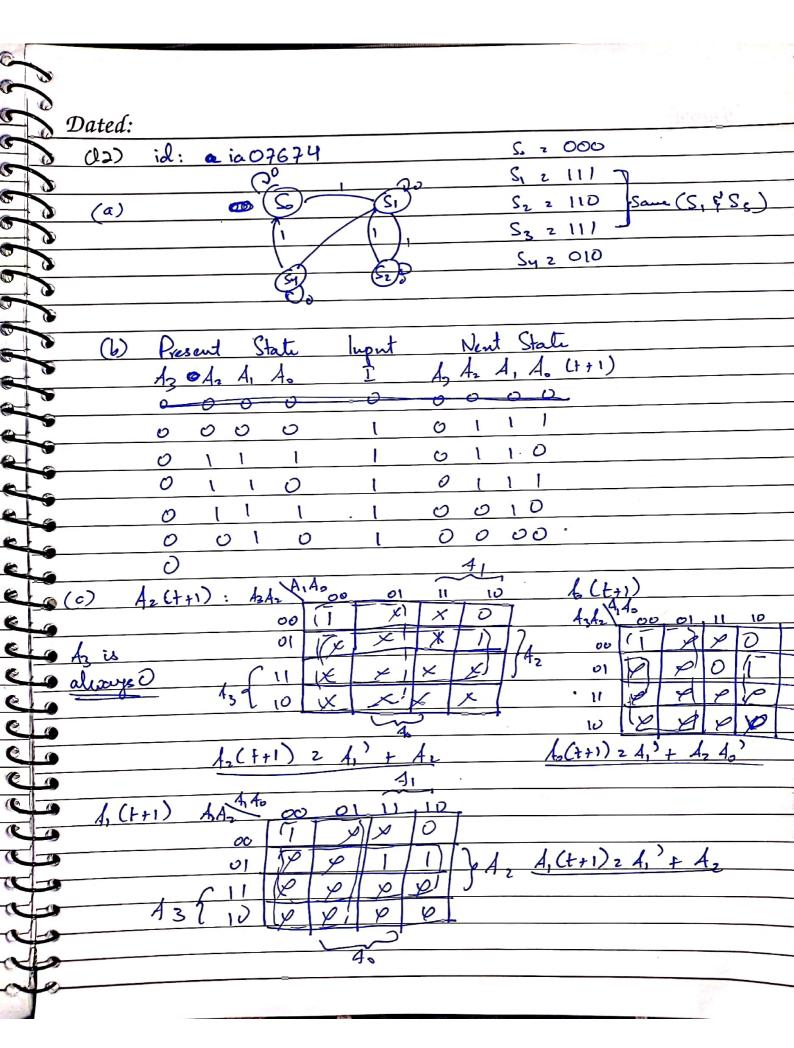
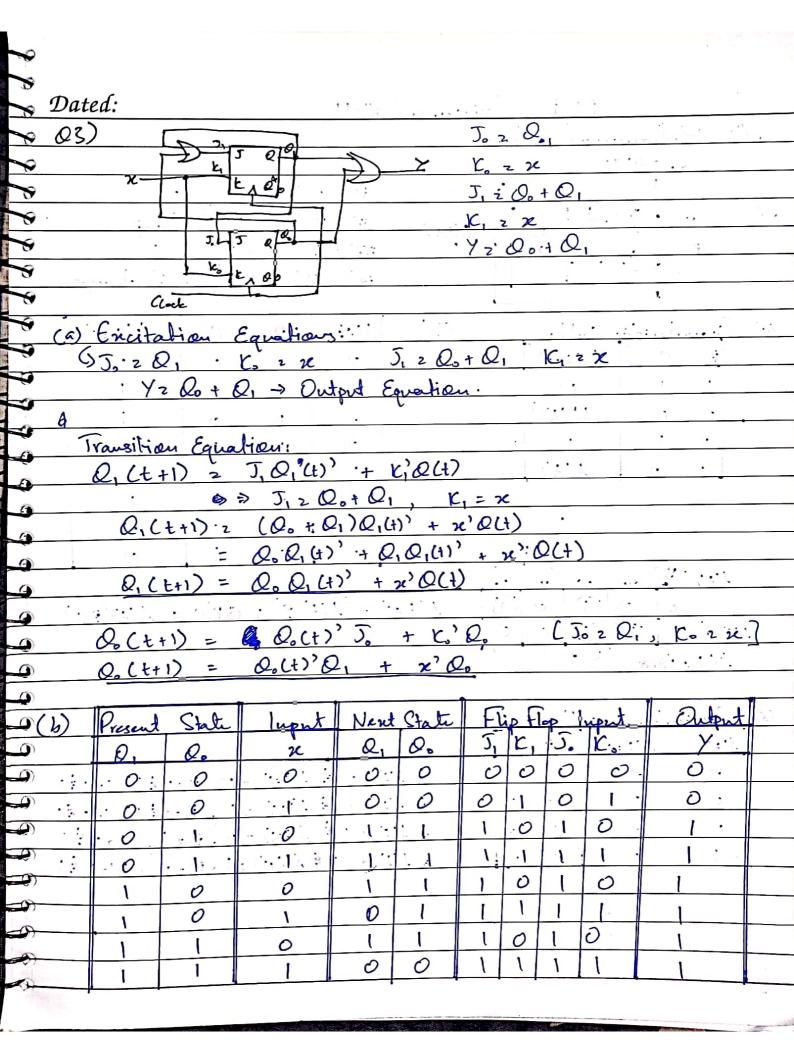
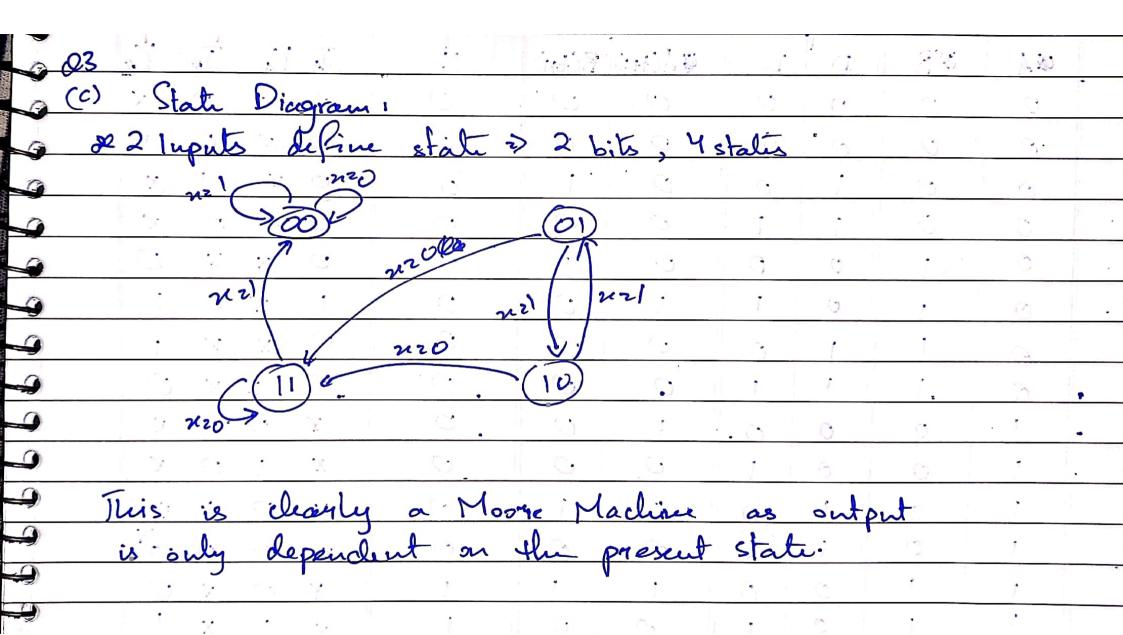


Dated:

	State Tran	sition Table	A. Josef Gill	1 4 9 5 ×	// ~ (
	Present Gate	luputs	Nent State	Output	
9	A(t)	4 7	A(t+1)	J.OBY C	13.6
9	0	00	0	0.0	
•	0	0/11/10	, ,? I	0 - V.	
•	0	1 10:		10	•
3	0		0		13:010
•	Conf	0 0	0	áil .	11 ,.
		0 1	0 30		90
	t	10	0	\$500	
9	Į.	. 1	0	, 0	
	Land Fill VI	1 + .4.15	1.12 4.31	3 1 1 10	d







Mon Tue Wed Thu Fri Sat Sun Con Con	Date: / /
ЧС.	
CLK	
Q _o	
	9
Q,	
Q,	
Q,	9
	9
Asynchronous BCD counter	
	9
	9
WaRQnotes	2
WaRQnotes	6

ı	_	
•	•	
	*	_

-	The second secon					1
a.	Present	Next !	Stale	Out	out	
	State	N . 0	x=1	74:0	x = 1	
	a	f	b a	0,	0	
	Ь	d	С	0	0	
	С	f	e .	0	0	
	d	9	Q		0	
	e	d	С	0	0	
	5	t	Ь		1	
	9	9	h	0	1	
	h	9	9		0	
	4					

b .	b	and	e	are.	equivalent
	,	1			Y

because same output and next state as shown in table

Asple



	Present	Next	State	outp	4	
7	stole	n:0) = K	N= 0	x= \	
	9	t	Ь	0	0	
1	Ь	ط	C	0	0	
	C	f	Ь	D	0	
	d	9	9	1	D	
	7	f	ь	1	1	
	9	9	٦	0	1	

removed from table (updaked table shown in next page).

c. b 128

c. b 128

c. b 128

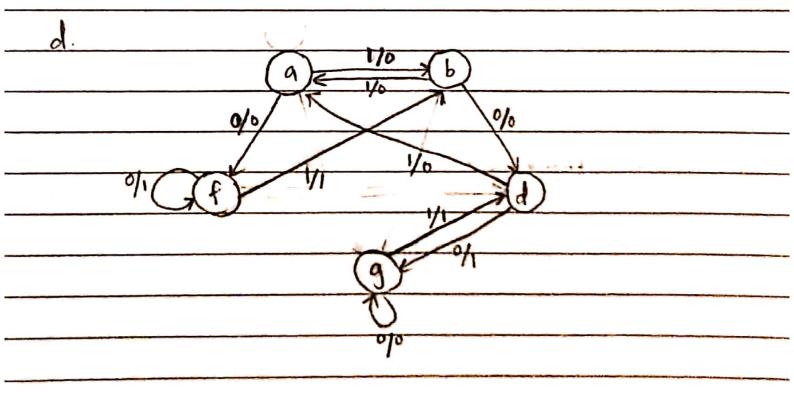
d e 128

f



P (Puly)	Present	Next	State	Outpu	1	_
	Stake	n=o	76=	N=0	n = 1	
	a	t	l.	0	0	
	Ь	٩	a	0	0	
	٩	3	٩	1	0	
	4	f	ь	1	1	
	9	9	9	0	1	

No more equivalent state can be deducted from table



(06) &JKFF & DLD' ->	input -> -pene lock	and the O
×Inputer D&L, output x		1000000
2 bits, 4 States . O	THE STATE OF THE S	(:1.
0/0.	Sor 00: Whi	· •
(00) R. A. (0)	S1201: D.	•
	C2 2 10 : " L	0
00 11 . [2]	S2 2 11 : D	•
(1) (10)	6 9	1
010 Del %	1 0	t
		- 1

St	ate To	able,						•	
	Presen	t State	lug	nte	Nent?	State	Output	JK Flip Hop	1
	• Ø A	Ø B	a.	L	@AC++1)	BCtal	×	In Ka Je Ka	.37
	O	0.	O	0	<i>O</i> .	.0			
	.0	0	0	11	10	:0	0	NO X JOUX	·g.
	0	0	1	0	0	1	0	X I. Y O	
•	0	0	1	1	0	O	O	O X O X	
•	0	1	0	D	0		0	OXXD	
	0	1	0	I	Ulars	O	O	1 X X 1	
	0	l	1	0	0	0	0	O X X I	
•	0		١	l	0	O.	.0	OXXIO	
	1	0	0	0.	1	0	. 0	YOOX	
	1	Ø	0	J	O	0	O	XIOX	
	1	0	into	0	- સ્ક્રીને દ	1		X O A X	
	1	0	1.	1.	1.0.	0	200 in.	x : 0 0 0	,
	1	. (0	0	1	1	l	X O X O	
	1	1	0	t	0	0	1	x 1 x 1	
		\	1	0	0	0	1	x x	
}	1	1	- 1	I	0	0	1	XIXI	
•							-		

