Name: Md Raifaral Felam Bhuigar Id: 20101239

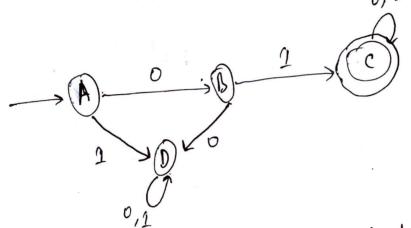
Course: CSF 33/

Section: 08

Assignment: 2

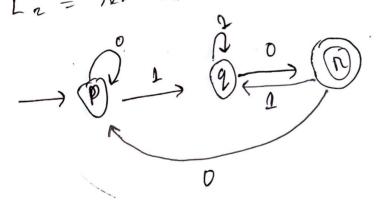
### Am to the D'. N: 1

Li- Set of bixary strives that start with 01.



	0	1
A	ß	0
A B	D	C
C*	C	C
D	D	D
Ti	tubl	e

2 = Set of Givary strings that end wit 10.



	0	1
P	P	1
9	n	9
4	P	2

T. table

Lg-L1 and Lz - dA, B, C, D) × d P, 9, 25 - JAP, Ar, Br, Br, Br, CP, Ca, CR, Op, Da, Dag

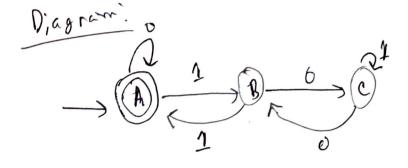
...

## Transition table for Ls.

	0	2
→ AP	B P	Dr
BP	DP	Cq
Cq	C p	C q
Cn*	Cp	Cq-
Ćp	C P	Cq
Dq	Dr	02
DP	Dρ	Oq
P n	PP	Da
	The state of the s	

#### Ano to the O.N.Z

Li= quia e (0,1)\* and wis divisible by 3.)

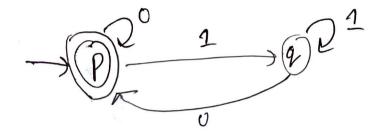


Transition Table:

O	1
A	^B
· c	A
Ũ	C
	A.c

Lz=dalaclo,1)\*, and bw is not divisible

#### Diagram.

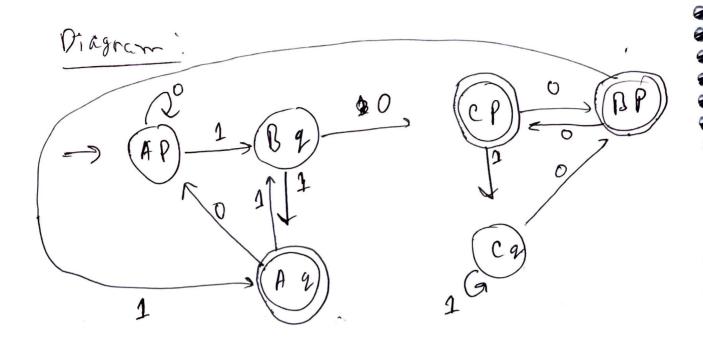


Thankition table:

		Q	1
-	→ P	P	2
+	2	ρ	2

Now, L3 - 9L13 or 2L23
- 4A,B,C3 x 4 P, 23

-{AP, A9, BP, BL, CP, C2}



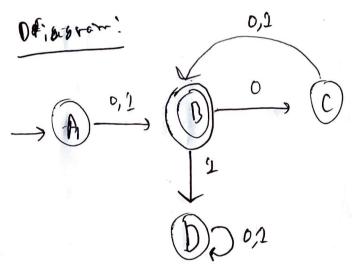
### Transition Table:

	0	2
A P	AP	82
B 2	C 40	A 9
(° p	BP	Cq
1 P	ÇΡ	Aq
* A 2	AP	Ba
Cq	Bp	Ca

## In to the D'N:3

L-diet of firmy strings whose leasths
are odd and have of in all even

positions?



Transition Table for L.

	0	2
$\rightarrow$ A	ß	B
* B	C	D
c	В	B
D	D	D

# Am to the D'. N'. 4 L-dwlw E (0,2)\* and then ro (w) to rut contain enactly two 153

Dia grami

Table

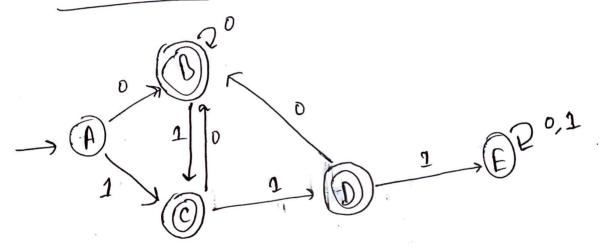
# Transition table.

	$\Diamond$	1		
A →	B	C		
0 *	B	C	The state of the s	-
C *	E	l de la companya de l	D	
D	G			THE THE WHITE WAS TO SELECT THE BE
£*	E	and the effective of th	D	
Approximately and the second s	F		F	
F*			F	
Cr		S.		

# L-dwlwe(0,2)\* and to ro Con to rot

cortain III us a substrings

#### Diagram.



:4	0	2
→ A	B	C
* 13	B	C
* C	B	D
* 0	B	E
E	£	E

e Transition table