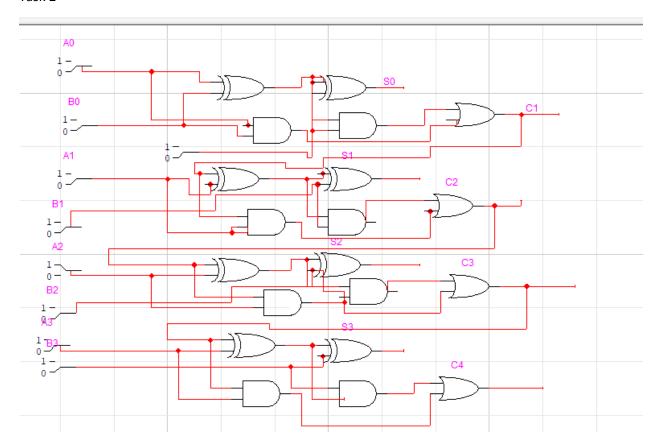
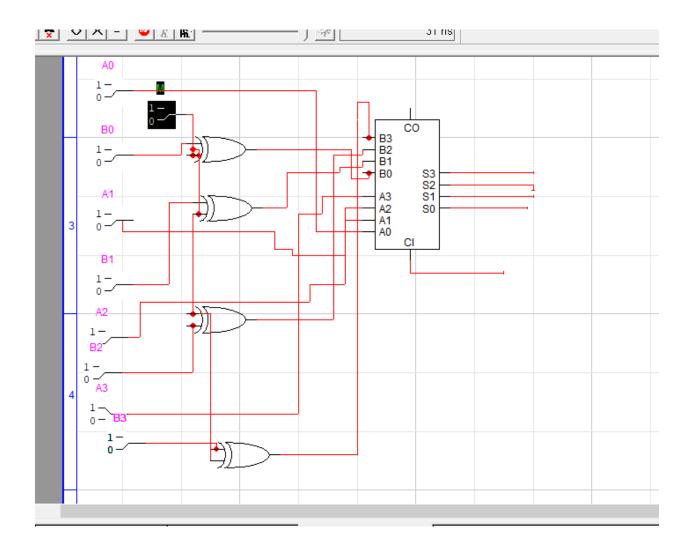
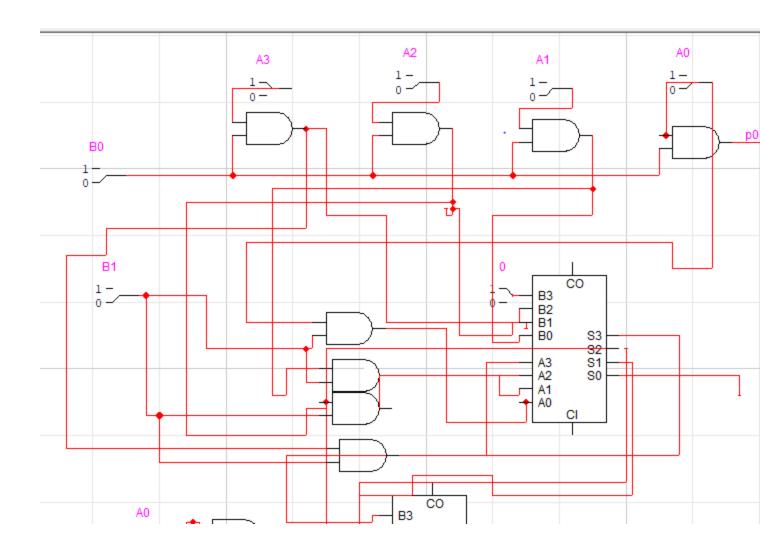
Task 2

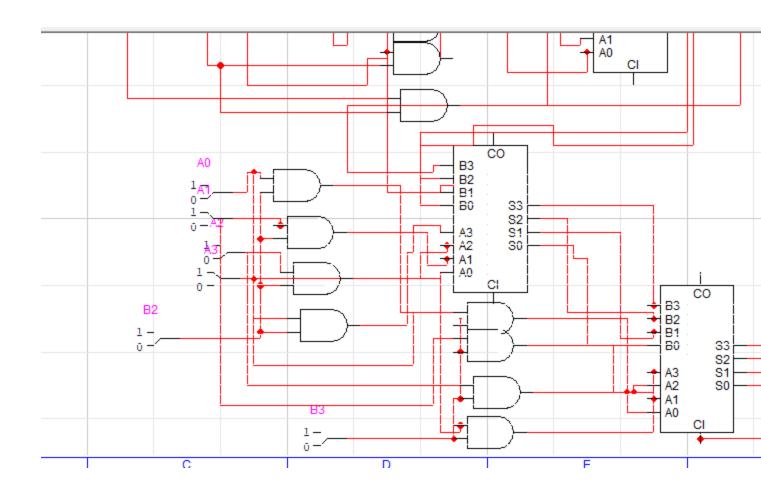


Subtractor



Task 3

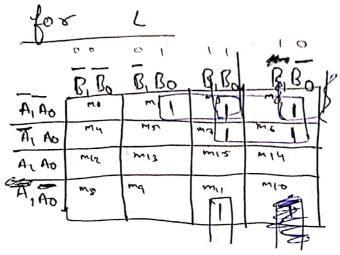




Section: 2F2 DLD LAB (BSCS) ROII# 201-0921 LAB MANUAL 09 (20-08-21)	Name:	- Aisha	muhamn	nad	Namas
·	Section	1- 2F2	DLD	LAB	(B scs)
LAR MANUAL 09 (02-09-20)	Roll#	201-092	1		
		LAB	MANUAL	09	(20-08-21)

Question 1	LAB	TASK 1	To the	ı	
	as write	truth	table		
Compour two 2	- bit mm	bens	- fa-		
Irolin Ad AD	R 4	B o	L	E	C_{ζ}
0 0		0	.0	1.	0
	O	1	1	e de la companya de l	0
2 0 0	J.V	O	1 1 22 2	0	0
3 0	0 (0	1
4 0	1 0	O	0	0	
5 0	1 0	l	0	1	0
		0	1	0	0
C O O			l	0	0
7 0		<u></u>	0	0	1
8 1	0 0		100		
9 \		5	.0	0	1
		0	0	4	0
lo /		1	1	0	ð
u I	0	0 0	Ø	\bigcirc	ł
12	1 2	0 1	O	0	1
		1 0	0	0	1
181		1	0		0

minimal SOP Expressions (K-map)



for	E To a	R. Ra	B ₁ B ₆	B, B0
A, Ão	Mo1	M,	,Mg	m ₂
A Ao	mų	me	w.t	m.4
A, Ao	MYZ	MI3	mis	~ (4
AIÃO	Mg	ma	mej	WID

E=A, AOB, BO + A, AOB, BO + AI AO BIBO + AI FORITO

for G				_	
	R. Rx	B, Bo	BB	B1 Bo	7
	15/150	m ₁	ms	m ₂	
A, Ao	1		m -		
A, Ao	4	Mo	m 7	ME	
·	myz	-M137	2010	-717	_
AIAO	14	ma	mn	m(o	_
A, Ao					

G = A1 B1 + A6 B1 B0 + A1 A6 B0

TC ty	pe	Required 1 Godes	Vo. of arts	hermal Mr. of ILS
741586	IC	3	IC	3
741532		10	1	4
741501	_	0	0	0
To tal	l n	or of ICS		18

LAB TASKZ

4-Lit full adder and

full Subtractor

on logic evous

LAB-TAJK 3 on lögir enong.