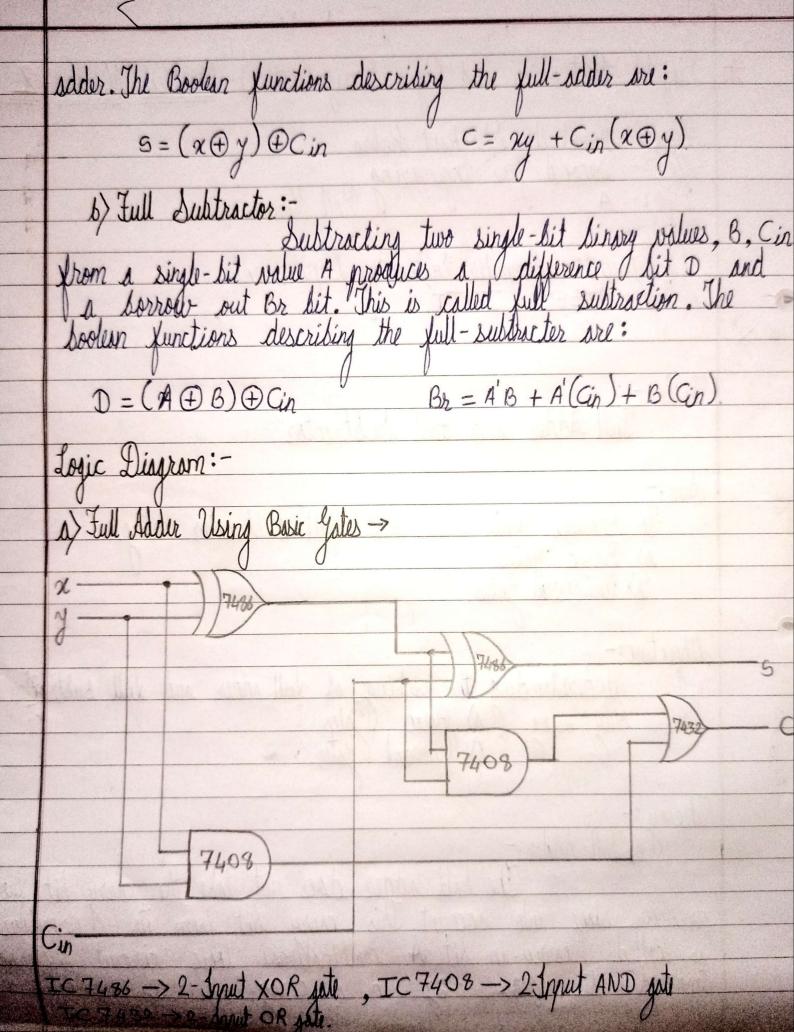
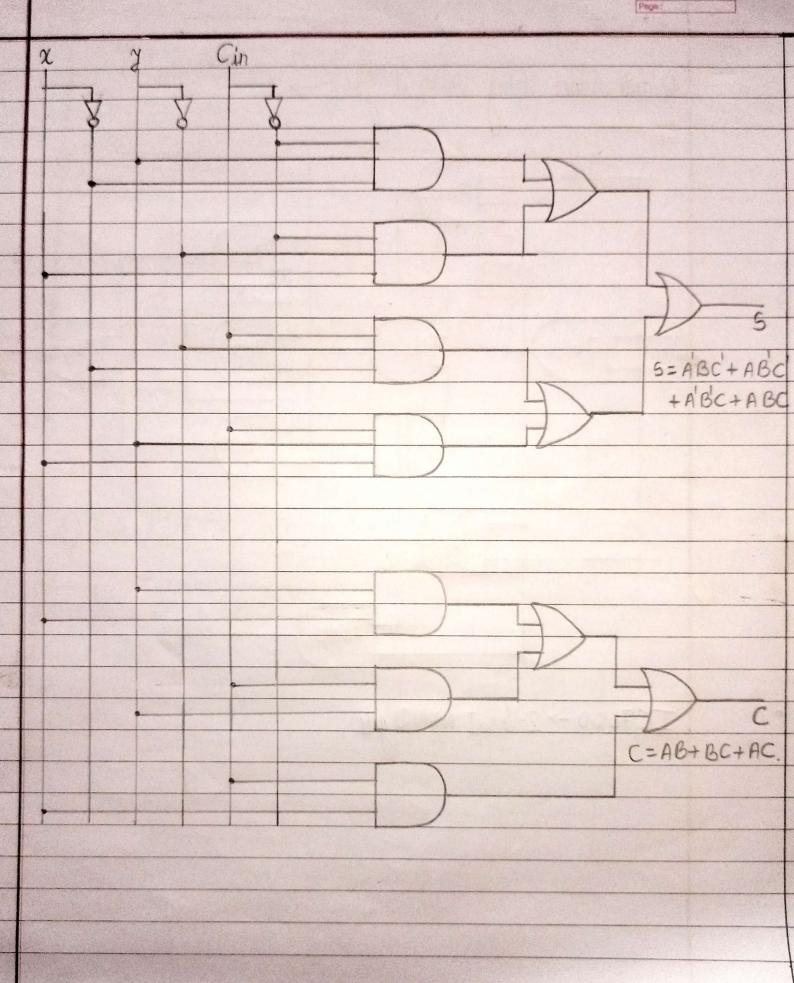
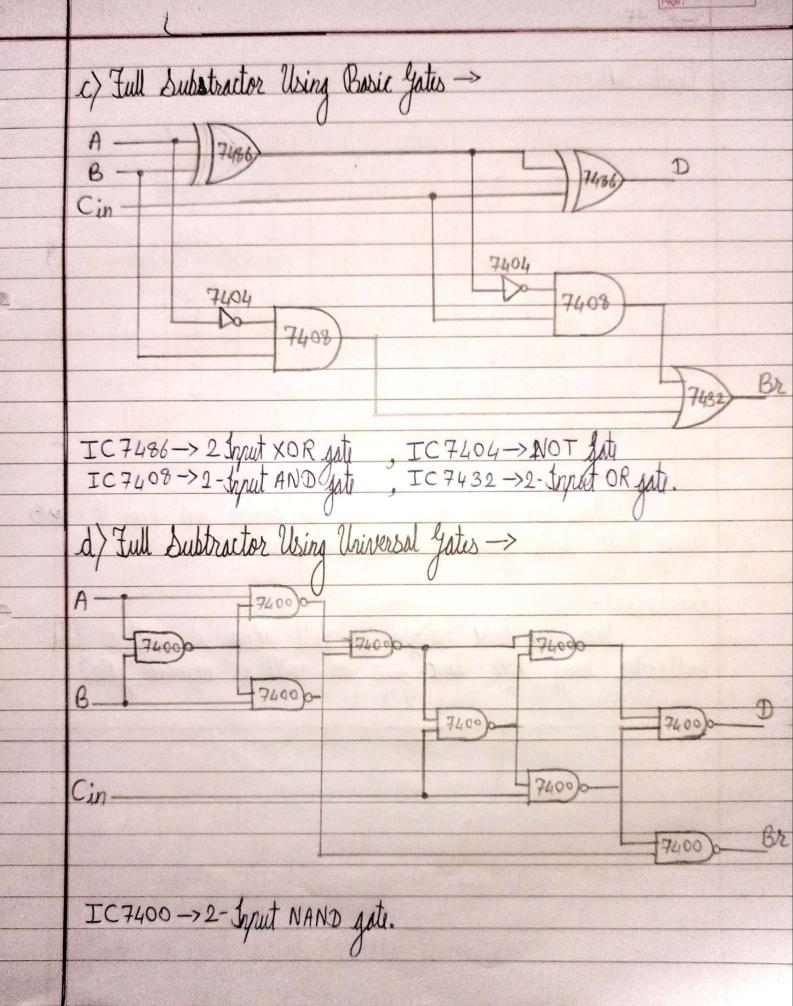
*	Digital Electronics and Logic Design (DELD) - Cractical Number - 2
	Name - naustuori errikari ruora.
	Name: - Kaustubh Shrikant Habra. Class: - Second Year Engineering. Div: - A Roll Number:-
2	Kateh:-
12	Donastment: - Computer Engineering Donastment
1	Department: - lomputer Engineering Department Pollege: - AISSMS's IOIN.
	The same of the sa
-	
0.0	Title:-
	Full Adder and Full Subtractor
	4.
	Aim:
	To realize full adder and full subtractor using
	To realize full adder and full subtractor using as Basic gates 4) Universal gates.
	by www.miss.
	Objective:-
())	Indepotanting the working of full adder and full sultractor by only using a Basic Gates Gates.
	only using (a) Basic Ogates
	1 1 S Universal Gates.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Theory:- The half adder does not take the carry bit from its account the carry bit is account to the carry bit its account the carry bit is account to the carry
	The half adder does not take the carry bit from its previous stay into account. This carry bit from its previous stay is called a carry-in bit. A combinational logic circuit that adds too data bits, I are and a carry-in bit, Cin, is called a full
	is called cappy-in hit A combinational losic circuit that add
	two data lits. I are and ar and a carry-in last Cin is called a full
	and the state of the state of the





s) Full Adder Using Universal gates -> entry IC7400 -> 2-Input NANDgate.



Iruth Table: -

8			-	garage respectively.	in the second	grant agreement or an arrangement of the section of	and the second s	A STATE OF THE PROPERTY OF THE	
Section 1		Innut.		Adder	Dutrut	Subtrac	lor Durus		
The second second	A	13	Cin	lorry	Sum	Br	D		
	0	0	0	0	0	0	0		
	0	0	1	0	1	1	1		
	0	1	0	0	1	1	1		
Annual Property	0	1	1	1	0	1	0		
CONTRACTOR	1	0	0	0	1	0	1		
SECURITIES AND ADDRESS OF	1	0	1	1	0	0	0		
THE OWNER OF TAXABLE PARTY.	1	1	0	1	0	0	0		
Accession from the	1	1	1	1	- Gradies	1	1		
Section.					A STATE OF THE PARTY OF THE PAR				

Thus we have learned how to design and how it works using both basic gates and universal gates.

londusion:-

subtractor using both basic gates as well as universal gates!