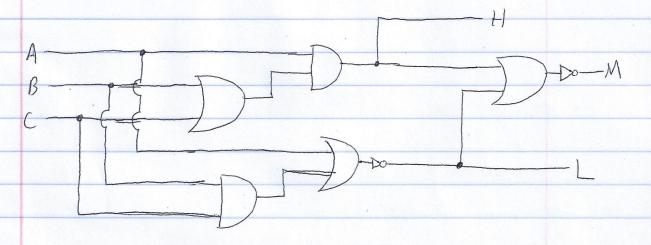
Ojus A	frand Report Due:
M1225	8703 Sept. 11, 2417
	2060/Lab 2 line Pressure Indication
	Project Design Report Stert time 6:0
	- state that divint a
	Requirements: N 1 3
е	Requirements:  Summary - Three inputs (A,B, and C) must generate  three different outputs (L,M,H) based on inputs.
	three different outputs (1-M.H) hased on inputs
	0
0	Inputs: A,B,C
•	Outputs: L, M, H
0	Output Possibilities
	- Lis logic 1 (Hand Mare D) when ABC == Z
	- Lis logic 1 (H and Mare Ø) when ABC == Z (i.e. ABC = 000,001,010)
	T-186+7 (+ H) ( + H) ( + H)
	- M generates logiz 1 (L and Mare Q) when
	- M generates logiz 1 (L and Mare D) when 2 < AB(25 (i.e. AB(=011, \$\psi 00))
	$A'(B'+BC')=\Box$
•	- His logic / (L and M are O) when
	- His logiz 1 (L and M are Ø) when ABC > 4 (i.e. ABC = 101, 110, 111)
	H=384+384+3'8A:-
	A,B, C are switches while L,M, H are LEDs
/	AC+ABC = 14
	H= (8,7+7) Y
	H = (8+1)A

7/22/11 +9	#12158703 FBCE 2050/1006 2 Tipe Prossure Indicator
ordinat to	
0	Designing and topoll Truth tuble-
	ABCIL M. Hamaning
94m	0 10 0 m 21 A 1 D 0 0 - m m c
store.	One On MAN LINE One One William One One
	0 1 0 1 0 0
	0 1 0 1 0 A Etwant
	0000
	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	1 1 0 0 0 1
	1 1 1 0 Ottober Angly 0 ?
	1 - Lis log ( 1 ( + and M are D) when ABC &=
α	Boolean Expressions To Company - A'B'C'+ A'B'C + A'BC'=L
	- A'B'C'+A'B'C+A'BC'=L
0/0	A'(B'C'+B'C+BC')=L
,	$A' \begin{bmatrix} B'(C'+C)+BC' \end{bmatrix} = L$
	A'(B'+BC')=L
	A'(B'+C')=L
	- AB'(+AB(=H
	A((B43)+ABC)=H $A(+ABC)=H$
	A(C+C'B)=H
	A(C+B) = H
	17 ( ( 7 0 ) - 1)

· Gut e Design =



· Test Procedure: Freeted Article													
	Test#	A	B	C \	Expec	M	HJ	Actual L M	H				
	1	0	6	0	1	0	0						
	1	0	0		1	0	6						
	3	0	1		1		0						
	4	0	ľ		0		0						
	5			0	0	•	0						
	6			. [	0	0							
	7		(	0	0	6	1						
	8				16		1						
					1								

End Time: Fall the Total Duration: Ihr 21am