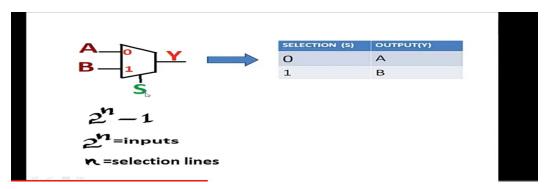
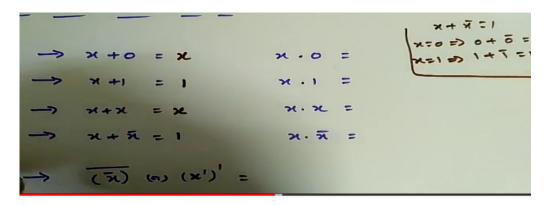
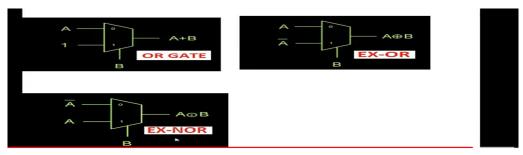
Date:	28-05-2020	Name:	Rajeshwari Gadagi
Course:	Logic design	USN:	4AL17EC076
Topic:	Boolean algebra,MUX.BCD to 7segment display	Semester and section	6 th sem and B sec

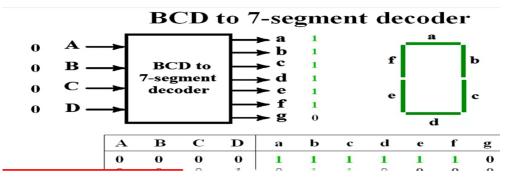


MUX to LOGIC gateS conversion



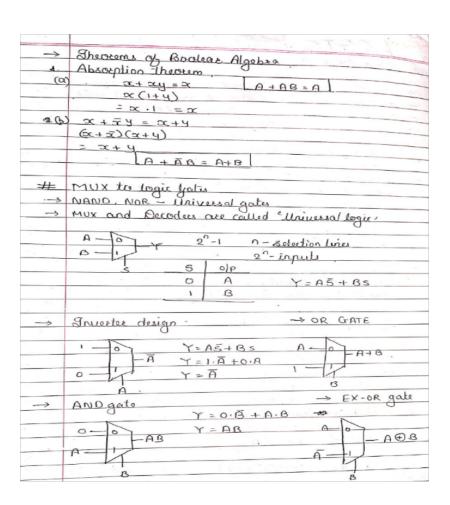


MUX to LOGIC gateS conversion



BCD to 7 segment decoder

=#=	Province Outles
\rightarrow	logis gates
>	Cost of the air is a
->	Cost of the circuit & Simple realization of a circuit
-4	Edean algebra is a system of mathematical logic
	Balean algebra is a system of mathematical logic Two Binary Operators - OR(+) & AND(-)
	Boolean algabra -
	A+A=A A.A=A
	1 + 1 = 1
	$\alpha + 0 = \alpha$ $\alpha \cdot 0 = 0$
-	x +1 = 1 x +1 = x
	$\infty + \alpha = \alpha$ $\alpha = \alpha$
	α1 <u>α = α·χ</u> = 0
	13
->	$(\overline{\alpha})$ by $(\underline{\alpha}')' = \alpha$
\rightarrow	Edentity Element -
	The addition identity = '0'
	The Multiplicative identity= '1'
	and the same and t
	Laurs of Boatean Algebra:
	Commutative law:
	$\alpha + y = y + x$ $\alpha \cdot y = y \cdot x$
	A+B = B+A A·B = G·A
2	Associative law:
	x+(y+z) = (x+y)+z x.(y.z) = (x.y).z
	A+(B+c) = (A+B)+c A.(B.c) = (A.B)c
3.	Distributive law
	$\alpha(y+z) = \alpha y + \alpha z$
14.	A (B+c) = AB + Ac
	$\alpha + yz = (x+y)(x+z)$
	$\frac{x+yz}{=xx+xz+xy+yz}$
	- 1 ~ 4 1 4 2
	=x(1+z+y)+yz = x+yz



			ROLL NO.		DATE
->	Ex-NoR	gate	÷		
	A-o	-AOB			
	A				,
#	oco to	7-80	gment di	coder	
1.73	A>	Bco to	-> q -> b		٩
	8 ->	7 segme	J → J	f (<u>a</u> b
	C →	decodor	⇒ £		d
				e e	

Date:	28-05-2020	Name:	Rajeshwari Gadagi
Course:	Python programming	USN:	4AL17EC076
Topic:	Application 5:build a desktop database application	Semester and section	6 th sem and B sec

	Day 9:
*	Application 5: Build a Desktop Database Application
	Lecom Harles impost .
	uundaw =Tk()
	11 = label (cuinday, text = "Title")
	11.gid (tout=0, column=0)
	12 = label (window, text = "Author")
-	12. gird (tour=0, column=2)
	13 = lakel (window, text = "year")
-	13. geid (etru = 1, calumn = 0)
	14 = label (window, text = "ISBN")
	14. grid (tout=1, column=2)
	tidle_text = StringVar()
	e1 = Entry (window, textraciable = title text)
	e1, gid(tau=0, column=1)
	author_text = String Var ()
	e2 = Entry (window, toxtvariable = author_text)
	e 2. geid (eau = 0, colum = 3)
,	4002_text=StringVacO
	es = Entey (mindow, textraviable = year text)
e	3. geid (zow=1, column = 1)
l	Sbn_text = StringVar()
	zu = Entry (window, text variable = isbn_text)
e	24. grid (2011 = 1, (olum = 3)

_	List = Listbox (unidow, height = 6, width = 35)
_	List 1 = Listbox (unidow, height =6, width = 35) List 1. geid (20w = 2, column=0, 20wspan=6, columnspan=2)
	sb1 = Scrallbas (window)
	561 = Scrallbox (Luindow) 561. geid (Eau 2, column = 2, tauspon = 6)
	list 1. configuro (yectolkommand = sb1. set)
	list 1. configure (yscrollcommand = 561. set) sb1-configure (command = list 1. ywiew)
	b1 = Button (cuindow, text = "kiew al", with = 12)
	bi = Button (unidow, text = "kiew all", width = 12) bi , grid (taw-2, column = 3).
	be = Button (window, best = "Search to entry" width = 12)
	b2 = Button (window, bxt = "Search to entry" width = 12) b2. grid (Ecrus, column = 3)
	63 = Button (window, text = "Add Entry", width =12)
	63 = Button (window, text = "Add Entry", width =12) 63. grid (row=4, column=3)
	by = Button (window, text = "updato selected", width = 12)
	by = Button (window, text = "updato selected", width = 12) by ; grid (raw = 5, (olumn = 3)
	bs = Button (window, text = " Delote selected", width = 12)
	bs = Button(window, text = "Delote selected", wielth = 12) bs .grid (2000=5, column = 3)
	b6 = Button(window, led = "close", width=12) b6; grid (row 7, column = 3) window, mainloop ()
	b6; gid (roui 7, column = 3)
_	windaw, mainloop ()