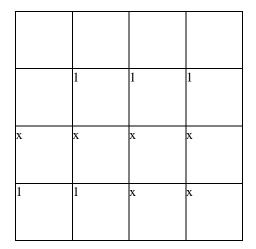
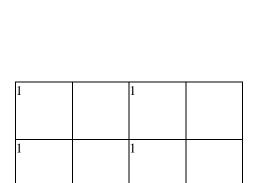
<u>CSE231L/EEE211L</u> <u>Lab 4 – BCD to Excess-3 Converter</u>

Name: Ilias Ahamad ID: 1611296042

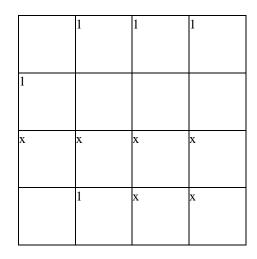
Decimal Digit		ry Code		al (BCD)		Excess-3			
	W	X	Y	Z	A	В	С	D	
0	0	0	0	0	0	0	1	1	
1	0	0	0	1	0	1	0	0	
2	0	0	1	0	0	1	0	1	
3	0	0	1	1	0	1	1	0	
4	0	1	0	0	0	1	1	1	
5	0	1	0	1	1	0	0	0	
6	0	1	1	0	1	0	0	1	
7	0	1	1	1	1	0	1	0	
8	1	0	0	0	1	0	1	1	
9	1	0	0	1	1	1	0	0	
10	1	0	1	0	X	X	х	X	
11	1	0	1	1	X	X	х	X	
12	1	1	0	0	X	X	х	X	
13	1	1	0	1	x	Х	х	X	
14	1	1	1	0	X	X	х	X	
15	1	1	1	1	X	х	х	X	



A=	W+XY+XZ	Z



C=YZ+Y'Z'



B=X'Y+X'Z+XY'Z'

1			1
1			1
х	Х	Х	Х
1		X	X

D=Z'

