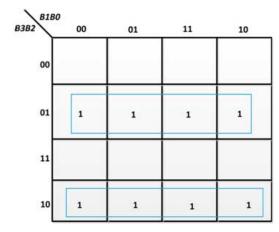
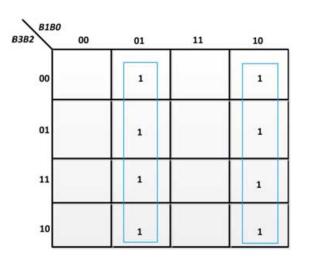
BINARY INPUT			GRAY CODE INPUT				
В3	B2	B1	В0	G3	G2	G1	G0
0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1
0	0	1	0	0	0	1	1
0	0	1	1	0	0	1	0
0	1	0	0	0	1	1	0
0	1	0	1	0	1	1	1
0	1	1	0	0	1	0	1
0	1	1	1	0	1	0	0
1	0	0	0	1	1	0	0
1	0	0	1	1	1	0	1
1	0	1	0	1	1	1	1
1	0	1	1	1	1	1	0
1	1	0	0	1	0	1	0
1	1	0	1	1	0	1	1
1	1	1	0	1	0	0	1
1	1	1	1	1	0	0	0

32	00	01	11	10	
00					
01					
11	1	1	1	1	
10	1	1	1	1	



B1B0	00	01	11	10
00			1	1
01	1	1		
11	1	1		
10			1	1



G3 = B3 G2 = B3
$$\oplus$$
 B2 G1 = B2 \oplus B1 G0 = B1 \oplus B0

$$Y3 = X3$$
 $Y2 = X3 \oplus X2$ $Y1 = X2 \oplus X1$ $Y0 = X1 \oplus X0$

$$Y1 = X2 \oplus X1$$