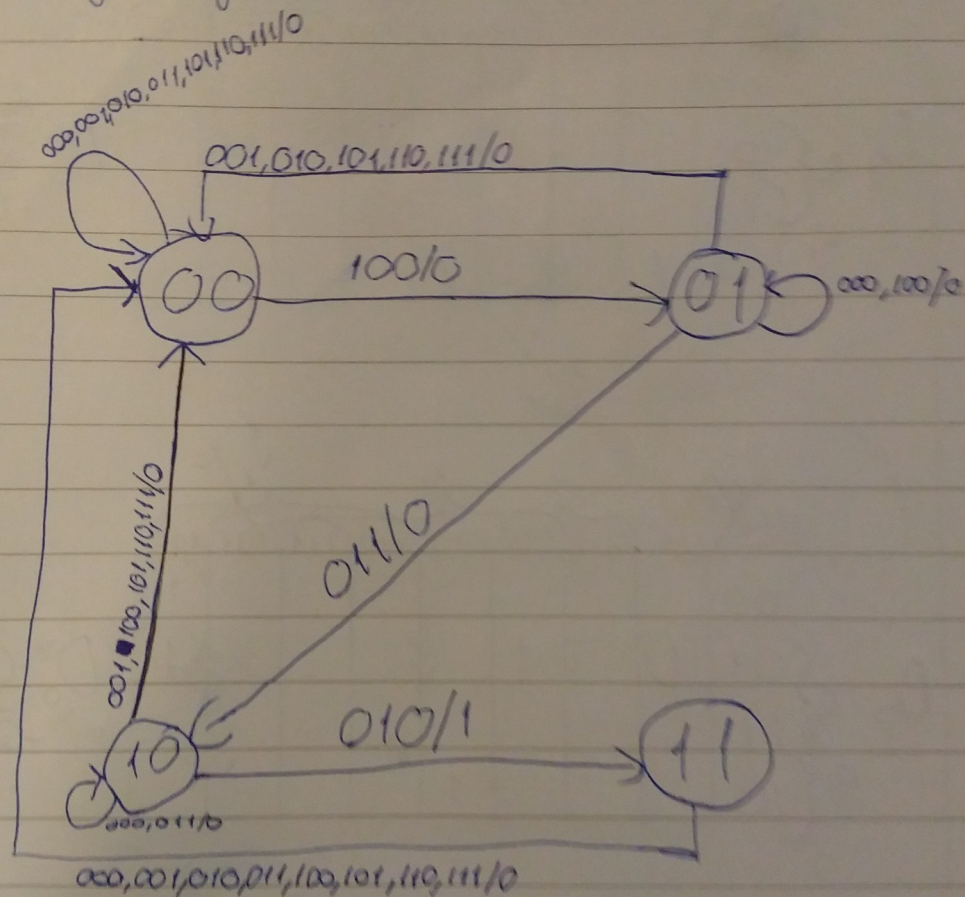


00 - stopbry
 01 - först riktig
 10 - andre riktig
 11 - tredje riktig \rightarrow låst av LED lyser

KODE: 4 3 2



KODE: 432

$Q_1 Q_0$	$x_2 x_1 x_0$	$D_1 D_0$	Out
00	000	00	0
00	001	00	0
00	010	00	0
00	011	00	0
00	100	01	0
00	101	00	0
00	111	00	0
01	000	01	0
01	001	00	0
01	010	00	0
01	011	11	0
01	100	01	0
01	101	00	0
01	110	00	0
01	111	00	0
10	000	10	0
10	001	00	0
10	010	11	1
10	011	10	0
10	100	00	0
10	101	00	0
10	110	00	0
10	111	00	0
11	000	00	0
11	001	00	0
11	010	00	0
11	011	00	0
11	100	00	0

$Q_1 Q_0$	$x_2 x_1 x_0$	$D_1 D_0$	Out
11	101	00	0
11	110	00	0
11	111	00	0

$$D_1 = \bar{Q}_1 \bar{Q}_0 \bar{x}_2 x_1 \bar{x}_0 + \bar{Q}_1 \bar{Q}_0 \bar{x}_2 x_1 x_0 + \bar{Q}_1 \bar{Q}_0 x_2 \bar{x}_1 \bar{x}_0 + \bar{Q}_1 \bar{Q}_0 x_2 \bar{x}_1 x_0$$

$$D_0 = \bar{Q}_1 \bar{Q}_0 x_2 \bar{x}_1 \bar{x}_0 + \bar{Q}_1 \bar{Q}_0 x_2 \bar{x}_1 x_0 + \bar{Q}_1 \bar{Q}_0 \bar{x}_2 x_1 \bar{x}_0 + \bar{Q}_1 \bar{Q}_0 \bar{x}_2 x_1 x_0 + Q_1 \bar{Q}_0 \bar{x}_2 \bar{x}_1 \bar{x}_0$$

$$Out = Q_1 \bar{Q}_0 \bar{x}_2 x_1 \bar{x}_0$$

$Q_1 Q_0$ $x_2 x_1 x_0$ x_0 x_1 x_2 x_0
 000 001 011 010 110 111 101 100

00							
01			1				
11							
10	1		1				

$$D_1 = Q_1 \bar{Q}_0 \bar{x}_1 \bar{x}_2 + \bar{Q}_1 \bar{Q}_0 \bar{x}_2 x_1 x_0 + Q_1 Q_0 x_1 x_2 x_0$$

$Q_1 Q_0$ $x_2 x_1 x_0$ x_0 x_1 x_2 x_0
 000 001 011 010 110 111 101 100

00							1
01	1		1				1
11							
10			1				

$$D_0 = \bar{Q}_1 x_2 \bar{x}_1 \bar{x}_0 + \bar{Q}_1 Q_0 \bar{x}_1 \bar{x}_0 + \bar{Q}_1 Q_0 \bar{x}_2 x_1 x_0 + Q_1 Q_0 x_1 x_2 x_0$$