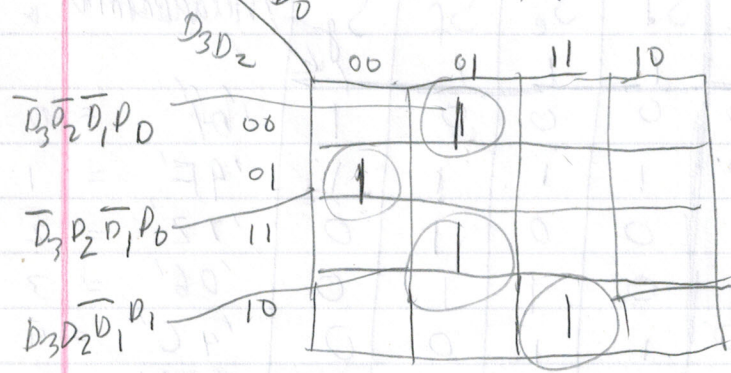


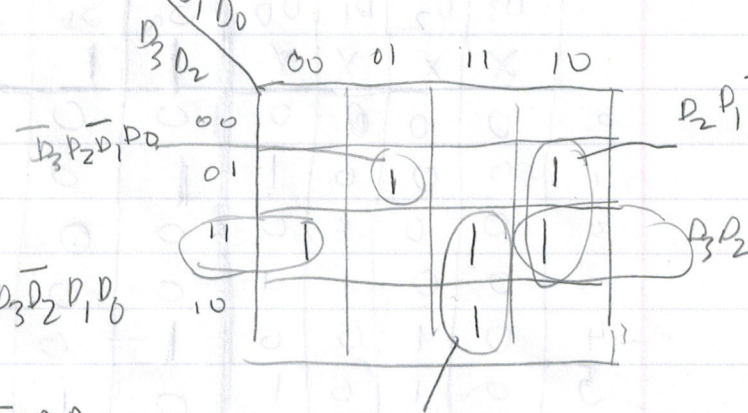
00-0	1000=8
01-1	1001=9
10-2	1010=10
11-3	1011=11
100-4	1100=12
101-5	1101=13
110-6	1110=14
111-7	1111=15

Lab #3

S_a $\Sigma(1,4,11,13)$



S_b $\Sigma(5,6,11,12,14,15)$



$$S_a = \overline{D_3}\overline{D_2}\overline{D_1}D_0 + \overline{D_3}D_2\overline{D_1}D_0 + D_3D_2\overline{D_1}D_0 + D_3\overline{D_2}D_1D_0$$

$$S_b = \overline{D_3}D_2\overline{D_1}D_0 + D_2D_1\overline{D_0} + D_3D_2\overline{D_0} + D_3$$

