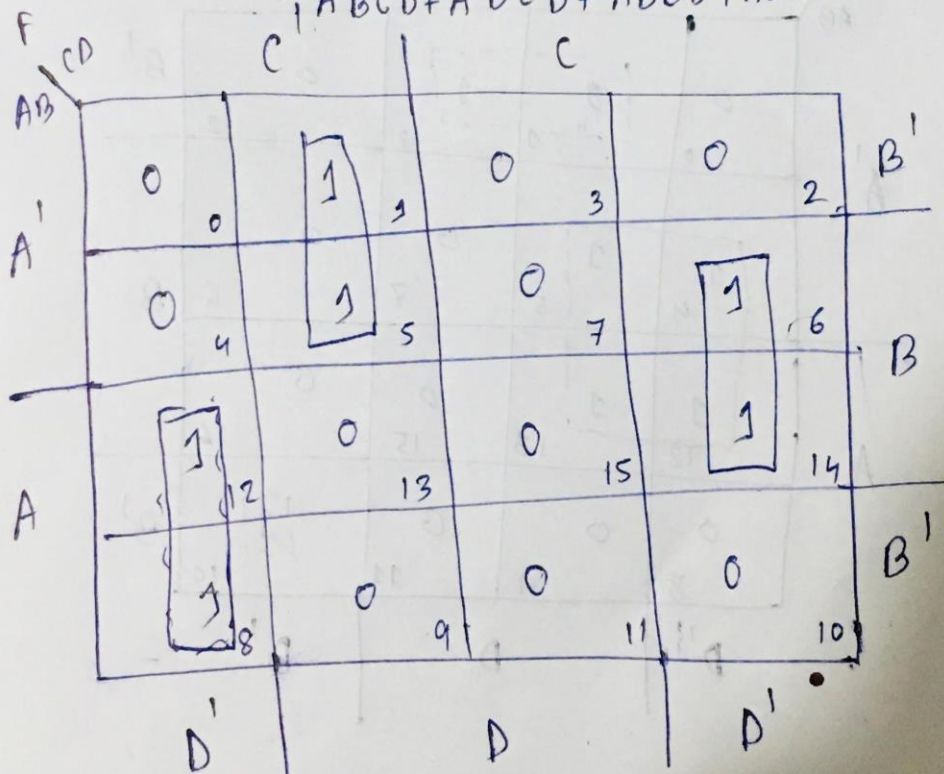


## Karnaugh Map

$$\begin{aligned}
 F(A, B, C, D) &= A'C'D + AD'C' + BCD' \\
 &= A'C'D(B+B') + AD'C'(B+B') + BCD'(A+A') \\
 &= A'BC'D + A'B'C'D + ABC'D' + AB'C'D' + ABCD' + A'B'CD'
 \end{aligned}$$



$$\Sigma_m(1, 5, 6, 8, 12, 14)$$

$$\Pi_m = (0, 2, 3, 4, 7, 9, 10, 11, 13, 15)$$