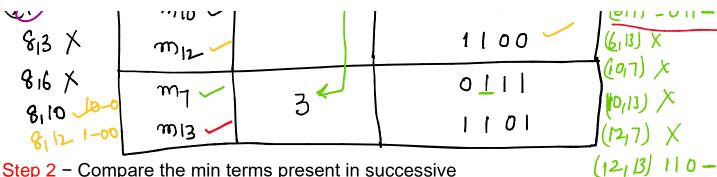
quine Mc clubkery (Tabulation) f(A,B,C,D) = Em(0,2,3,6,7,8,10,12,13)

minteen	Binary representation	No-0-1/2)
mo	0000	
m	0010	1 1 (5)
m ^g	0 1 1 0	2.
$\int m_7 =$	0111	3
mg_	1000	-3
) m ₁₀	1010	2.
m ₁₂	1100	2
m B	1 1 0 1	3 (4)

Step 1 – Arrange the given min terms in an ascending order and make the groups based on the number of ones present in their binary representations.

کی ہے	minteen	Index	Binary representation
(012) = 00-0	mor	0	0000
(018) -000	m ₂	1 .	0010 ~
(2,3)	mg /		1000
(5,6)	m3/		0011
(2/10)	m6 ~	2	$0!10 - \frac{(3,7)=0-11}{(3,13)} \times$
242)	m _{lo}		10 [0]
8 ₁ 3 X	m12/	1	1 1 0 0 (6, 13) X

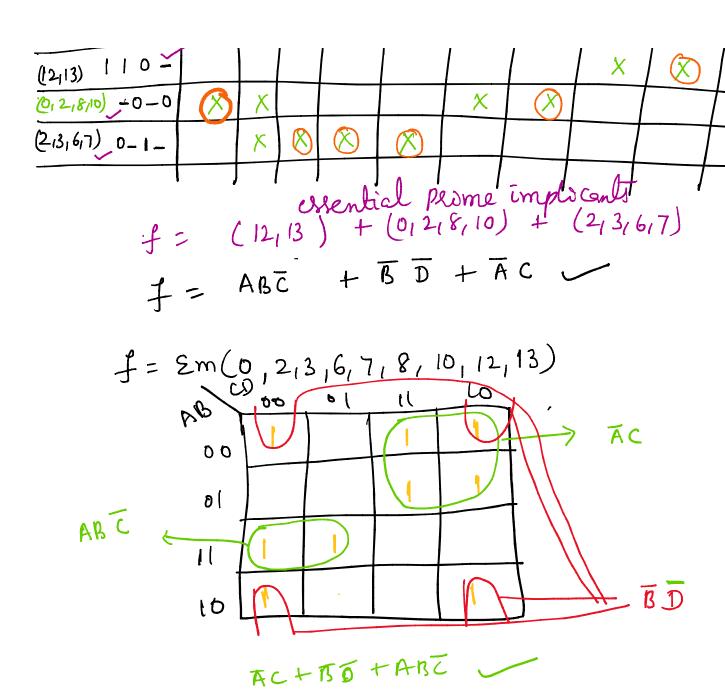


Step 2 – Compare the min terms present in successive groups. If there is a change in only one-bit position, then take the pair of those two min terms. Place this symbol '_' in the differed bit position and keep the remaining bits as it is.

Mintern georp	Binaly representation ABCD	mintern group	september 1918
(0, 2)	00-0	6,2,8,10) (0,8,2,10)	$\begin{vmatrix} -0 - 0 & \frac{2}{5} \overline{D} \\ -0 - 0 & \frac{2}{5} \overline{D} \\ -0 & 0 & \frac{2}{5} \overline{D} \end{vmatrix} \rightarrow \boxed{5}$
(2 ₁ 6) (2 ₁ 6) (2 ₁ 6) (2 ₁ 0) (2 ₁ 0)	0 0 1 - 0 - 0 0 - 0 1 0 - 0	2,3,6,7 2,6,3,7	0 - 1 - } A C > G
(3,7) (3,7) (12,13)	0-11	$\rightarrow ABC$	

Step 3 – Repeat step2 with newly formed terms till we get all prime implicants.

Prime	impl	îQ	nte	s che	eet					
Paime	<i></i>	/	,				,			
implicants	0	2	3	6	7	8	10	12	13	
(8,12) 1-00						X		X		
(12,13) 110 -								X	\bigcirc	
1		ا ا			I					



(3) $f(A,B,C,D) = \sum m(0,1,2,5,7,8,9,10,13,15)$ Wrong Quine Mc clusky method (by Tabulation method.