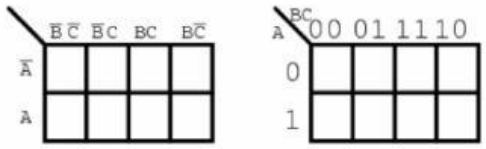
Watch the video in the link then in groups answer the following questions.
https://actvet-my.sharepoint.com/personal/baha_saleh_aths_ac_ae/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fbaha%5Fsaleh%5Faths%5Fac%5Fae%2FDocuments%2FAY%2D2020%2D21%2FENI713%20Electronics%2FHow%20to%20group%20terms%20in%20KMAP%20%5F%20Don%27t%20care%20Conditions%20%5F%20DE%2E17%2Emp4&parent=%2Fpersonal%2Fbaha%5Fsaleh%5Faths%5Fac%5Fae%2FDocuments%2FAY%2D2020%2D21%2FENI713%20Electronics&originalPath=aHR0cHM6Ly9hY3R2ZXQtbXkuc2hhcmVwb2ludC5jb20vOnY6L2cvcGVyc29uYWwvYmFoYV9zYWxlaF9hdGhzX2FjX2FlL0VUUUx2OTRQRGV0TWthR2NweWVBMVhRQmY0N1NJY1lPeWJuN19YZjFEM05QMkE_cnRpbWU9Q19mUzlGdUIyRWc

Use Karnaugh's map to simplify the following Boolean expressions.

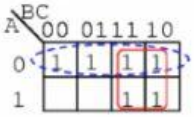
1. You need first to enter the values in the map then
2. work out the simplification, then
3. write your final answer in the last column.

No.	Boolean expression	K-map	Simplified expression
1	**A'B'C'+A'B'C+A'BC+A'BC'**		
2	**A'B'C+A'BC+AB'C+ABC**		
3	**A'B'C'AB'C'+A'BC'+ABC'**		
4	**A'BC+ABC**		
5	**A'B'C'+A'B'C+A'BC+AB'C**		

No.	**Boolean expression**	K-map	**Simplified expression**
6	**A'BC+ABC+AB'C'+AB'C+ABC+ABC'**		

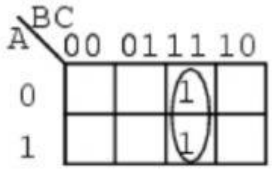
Solved examples:

Out= $\bar{A}\bar{B}\bar{C}+\bar{A}\bar{B}C+\bar{A}BC+\bar{A}B\bar{C}+ABC+AB\bar{C}$



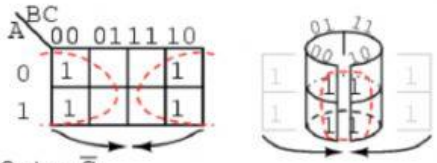
Out= $\bar{A}+B$

Out= $\bar{A}BC + ABC$



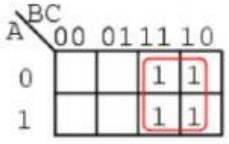
Out= BC

Out= $\bar{A}\bar{B}\bar{C} + A\bar{B}\bar{C} + \bar{A}B\bar{C} + AB\bar{C}$



Out= $\bar{C}$

Out= $\bar{A}BC + \bar{A}B\bar{C} + ABC + AB\bar{C}$



Out= B