

NAMA : PUTRI SIWI UTAMI

KELAS : E

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Percobaan 4

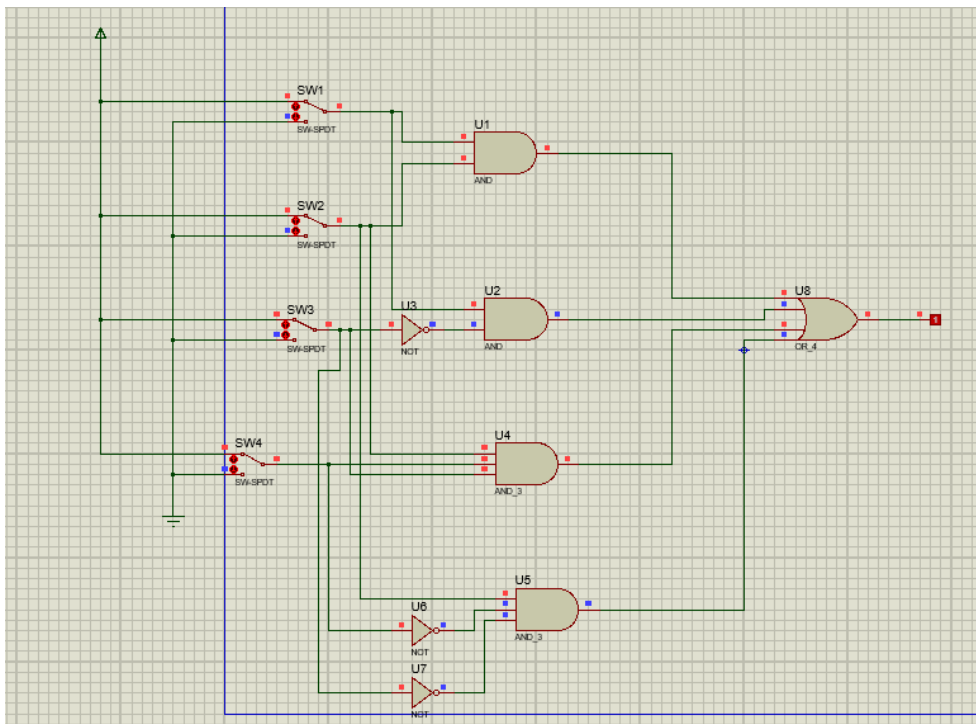
2. Berdasarkan fungsi boolean, isi titik-titik dalam peta karnaugh berikut!

		AB			
		00	01	11	10
CD	00 00	....	1..	1..	1..
	01 01	....	....	1..	....
	11 11	....	1..	1..	....
	10 10	....	....	1..	1..

Handwritten annotations on the Karnaugh map:

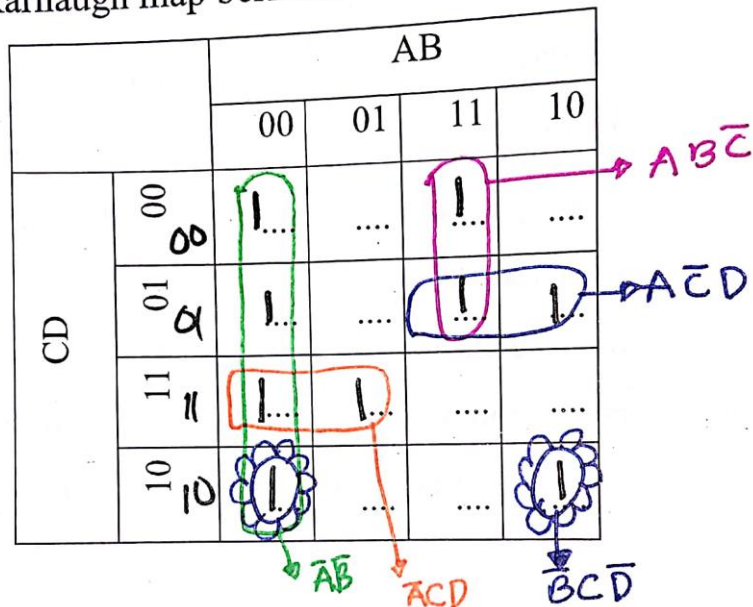
- Green circle around (01, 00) and (11, 00) labeled  $AB$ .
- Orange circle around (01, 00) and (01, 10) labeled  $B\bar{C}\bar{D}$ .
- Blue circle around (01, 11) and (11, 11) labeled  $BCD$ .
- Purple circle around (11, 00) and (11, 10) labeled  $A\bar{D}$ .

3. Sederhanakan fungsi boolean :  $F = AB + A\bar{D} + BCD + B\bar{C}\bar{D}$



## Percobaan 5

2. Berdasarkan tabel. Isi titik-titik dalam karnaugh map berikut!



3. Fungsi booleansederhana:

$$F = AB\bar{C} + A\bar{C}D + \bar{A}CD + \bar{A}\bar{B} + \bar{B}C\bar{D}$$

