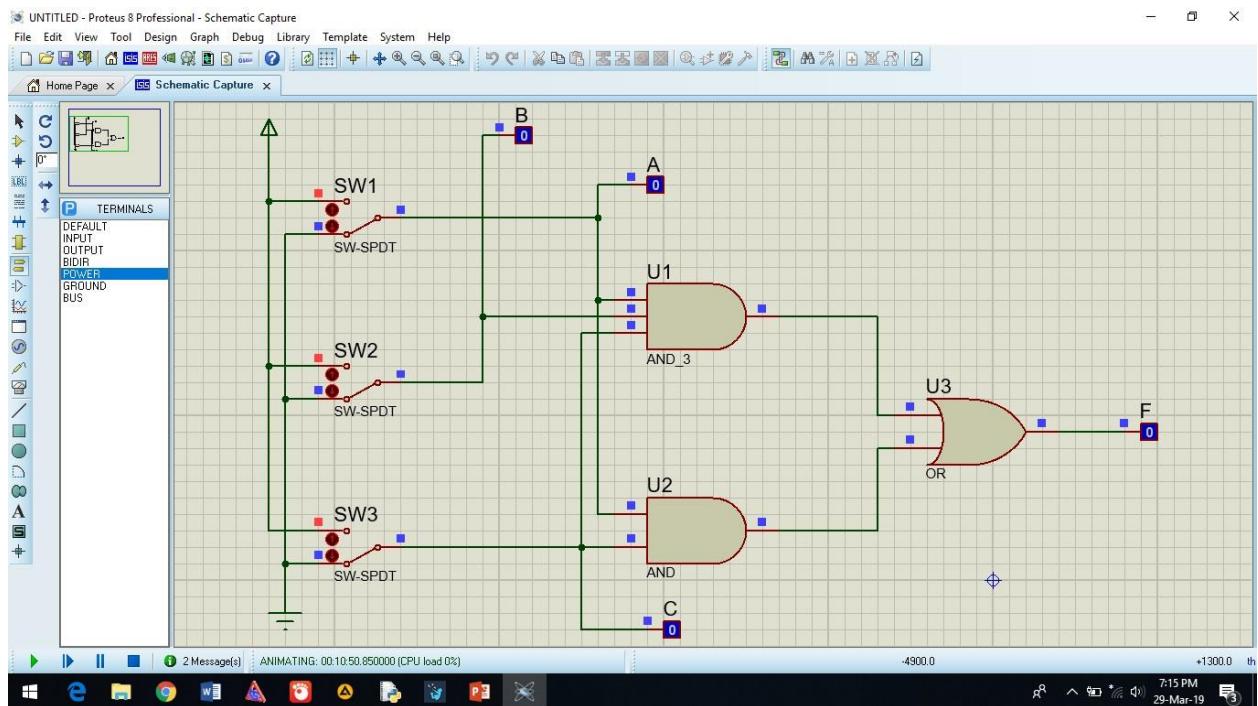


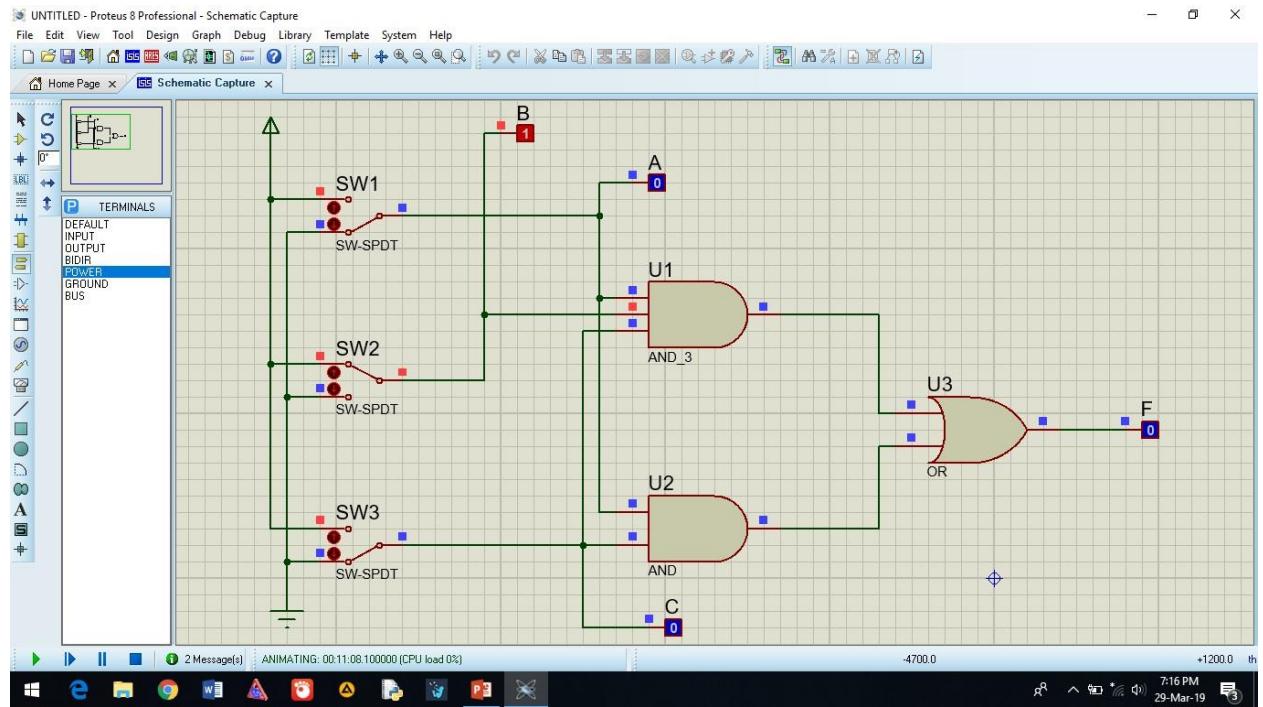
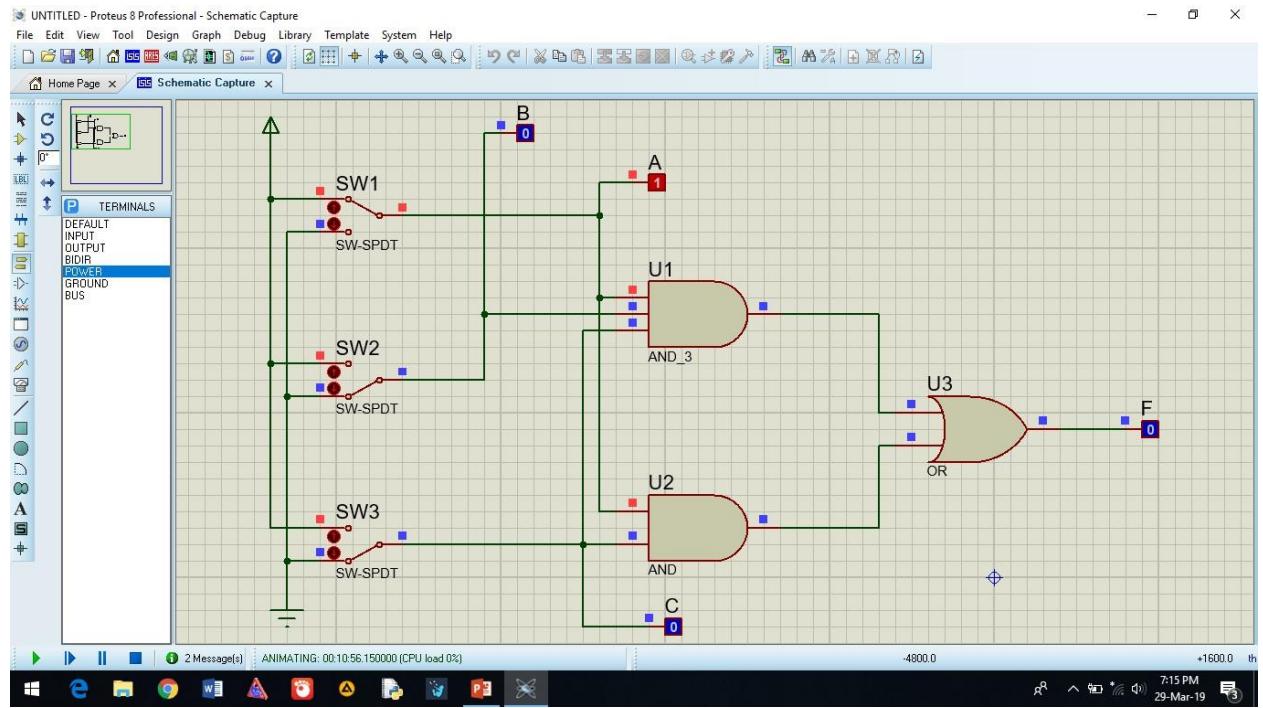
Nama : Raihan Mazarul Hidayat

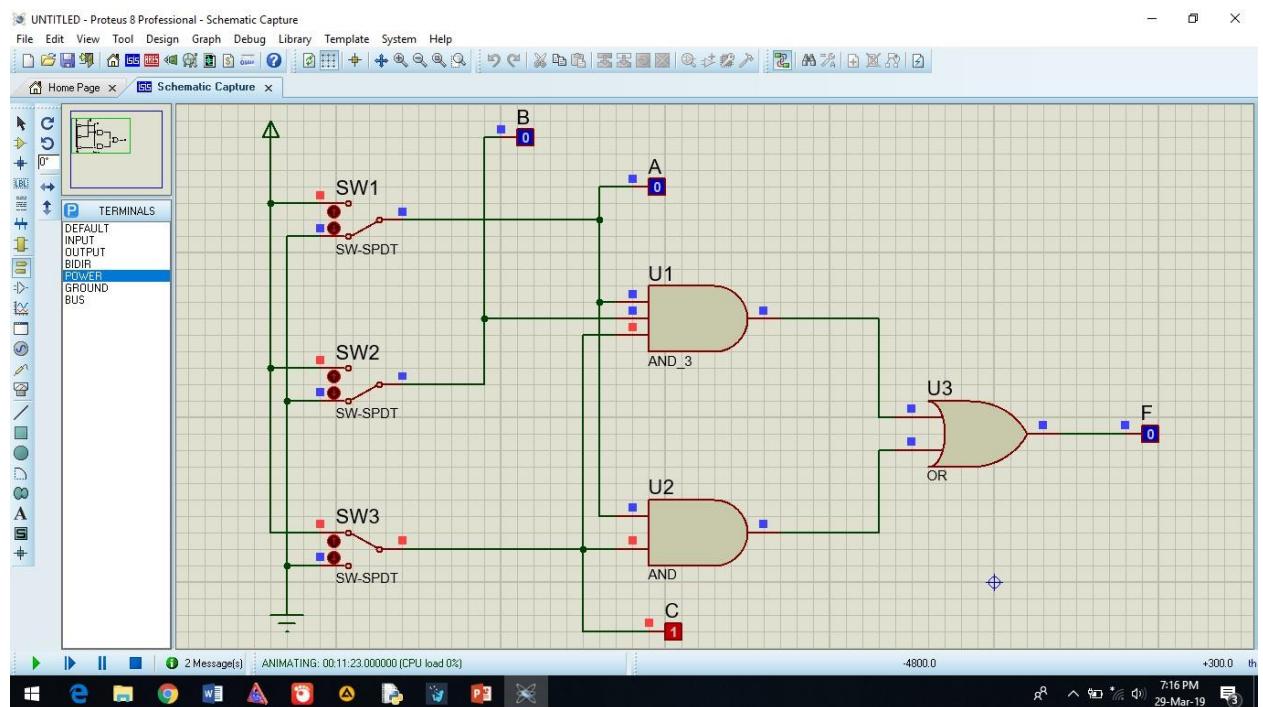
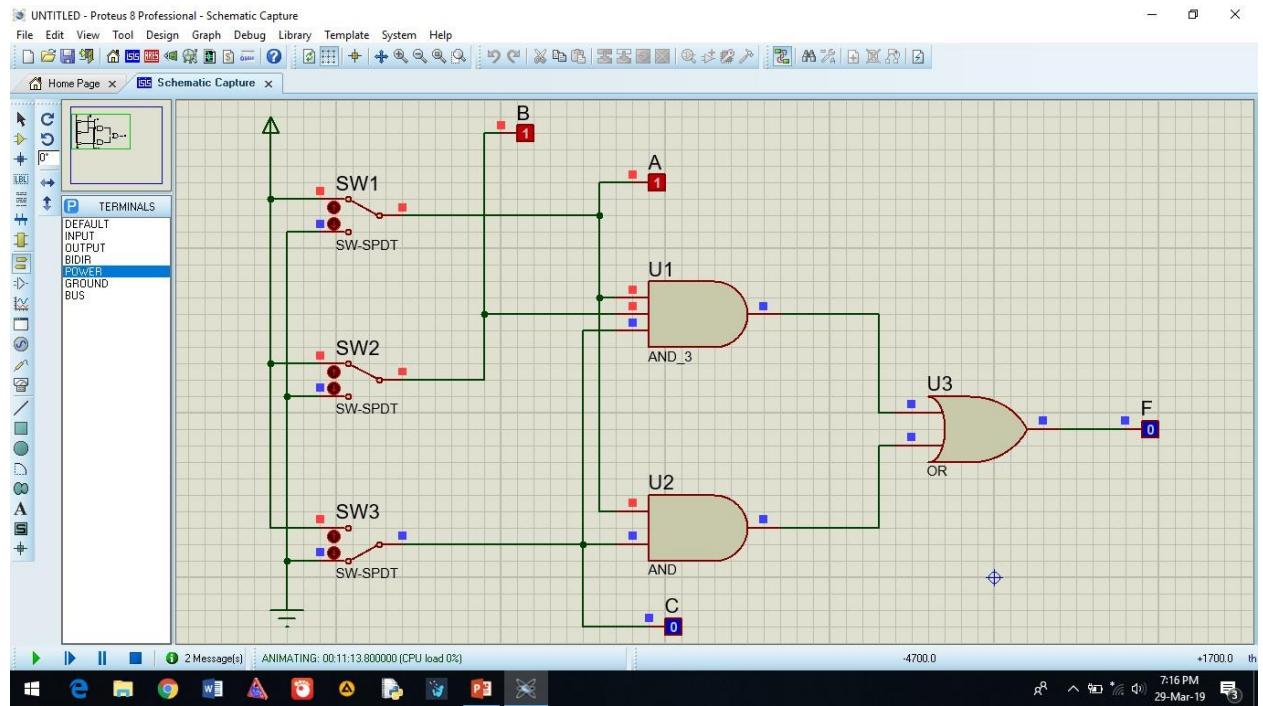
NIM : L200180162

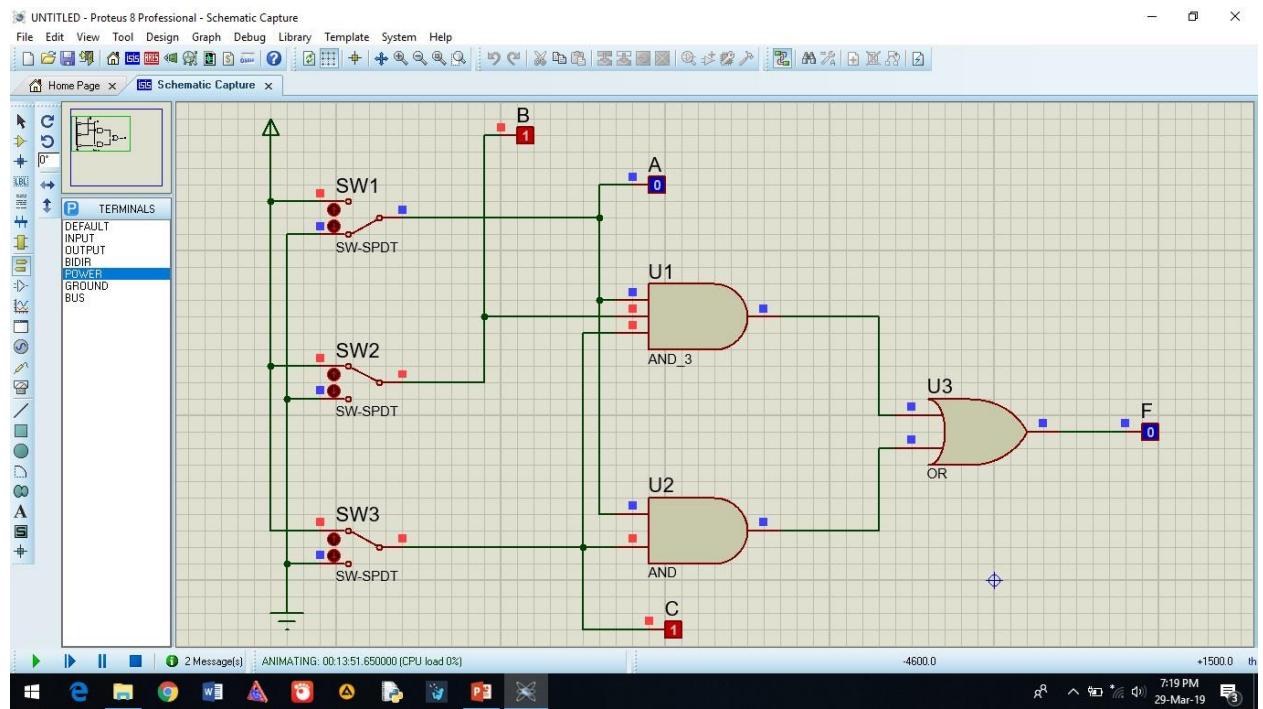
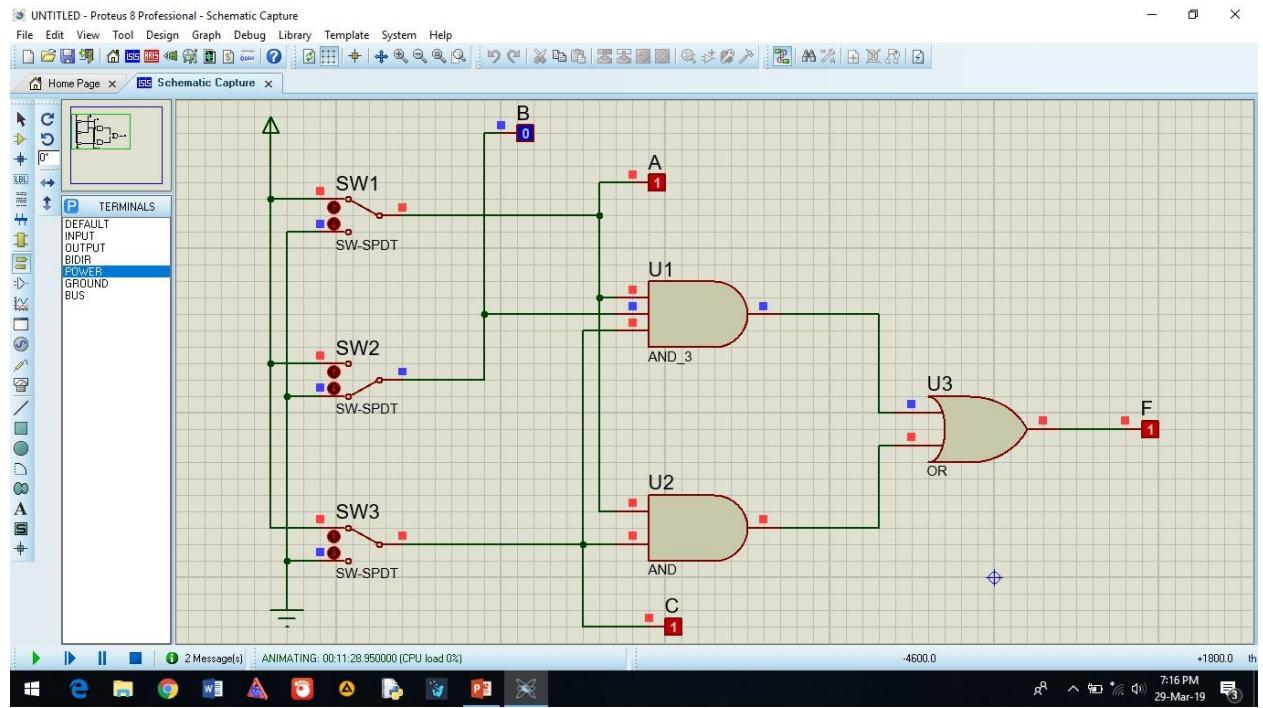
Kelas : F

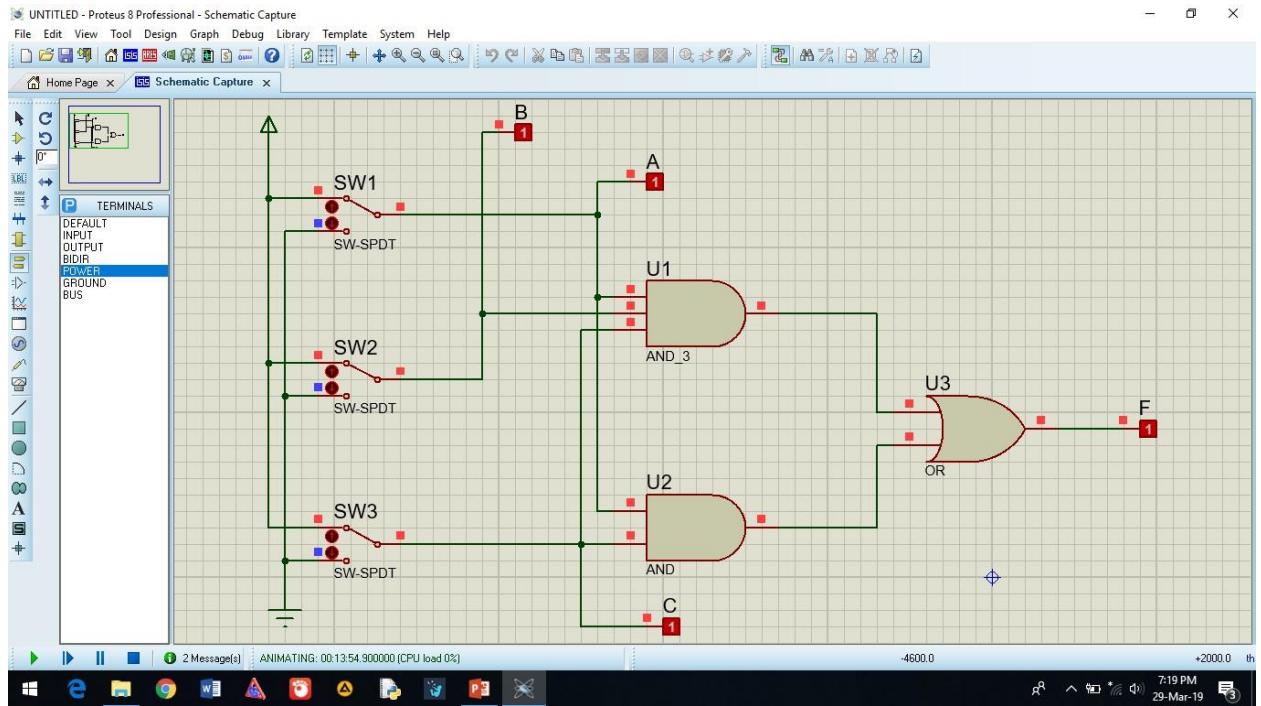
## Percobaan 1











Isi titik-titik dalam tabel!

A	B	C	F
0	0	0	...
1	0	0	...
0	1	0	...
1	1	0	...
0	0	1	...
1	0	1	...
0	1	1	...
1	1	1	...

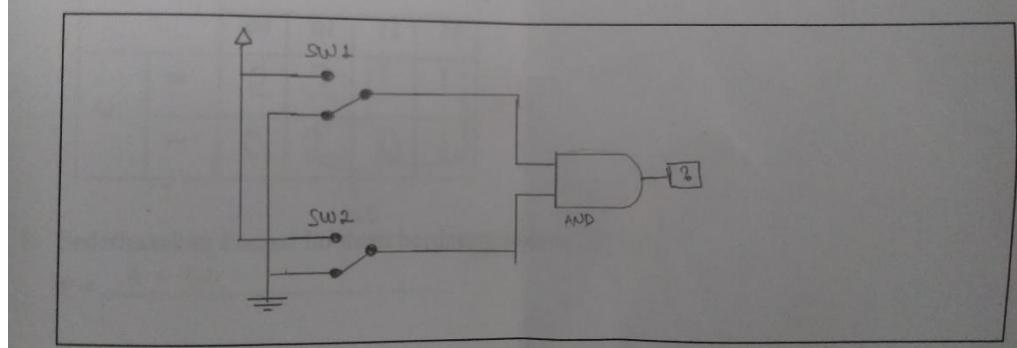
d) Isi titik-titik dalam karnaugh map

		AB			
		00	01	11	10
C	0	0 ....	0 ....	0 ....	0 ....
	1	0 ....	0 ....	(1) ....	(1) ....

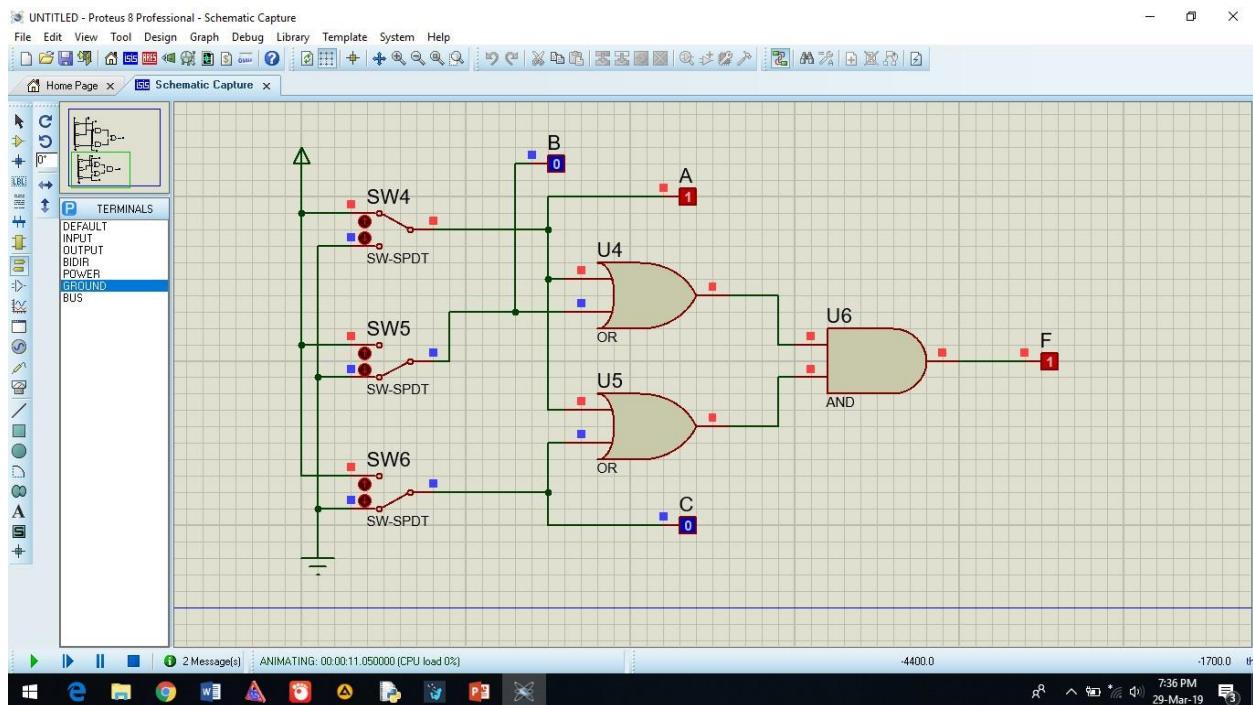
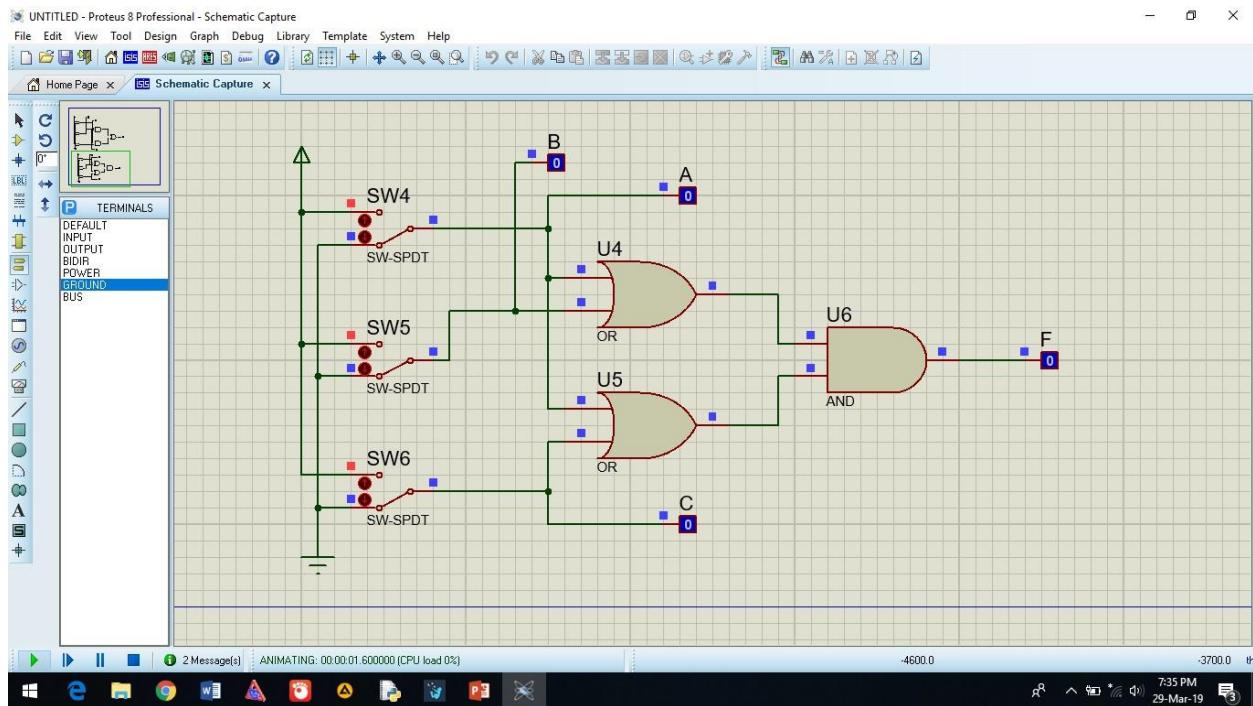
e) Sederhanakan Fungsi boolean berdasarkan karnaugh map :

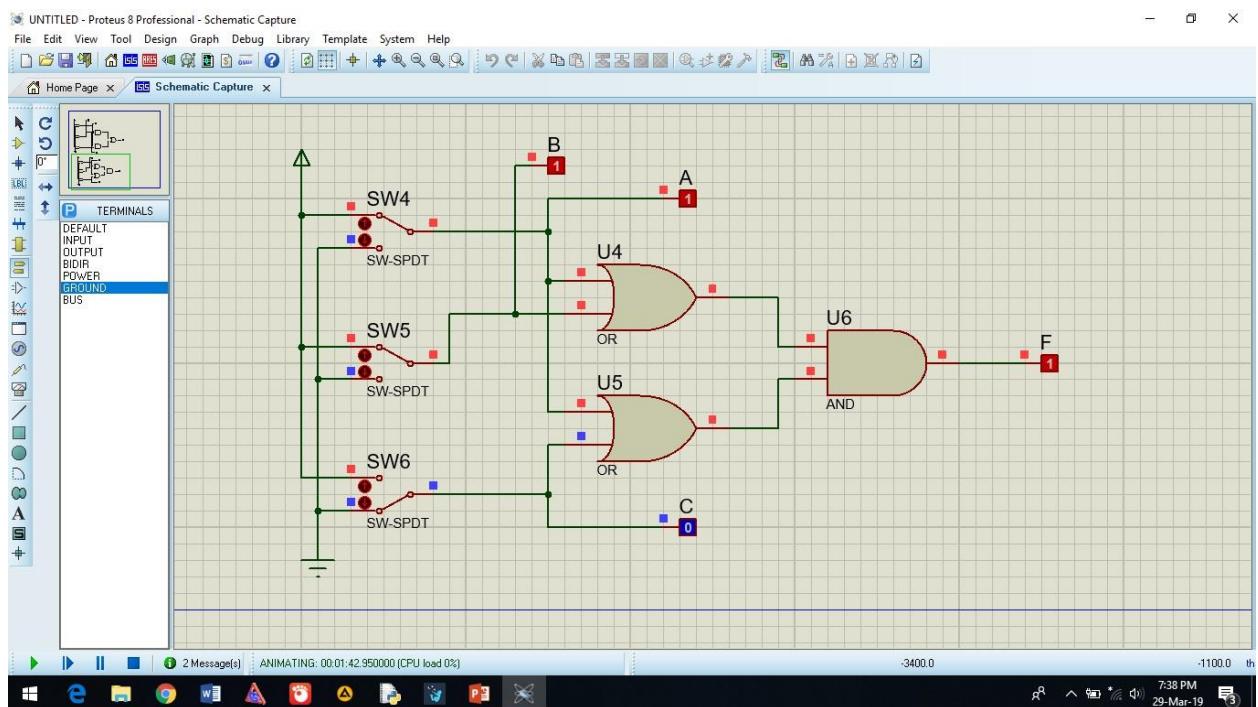
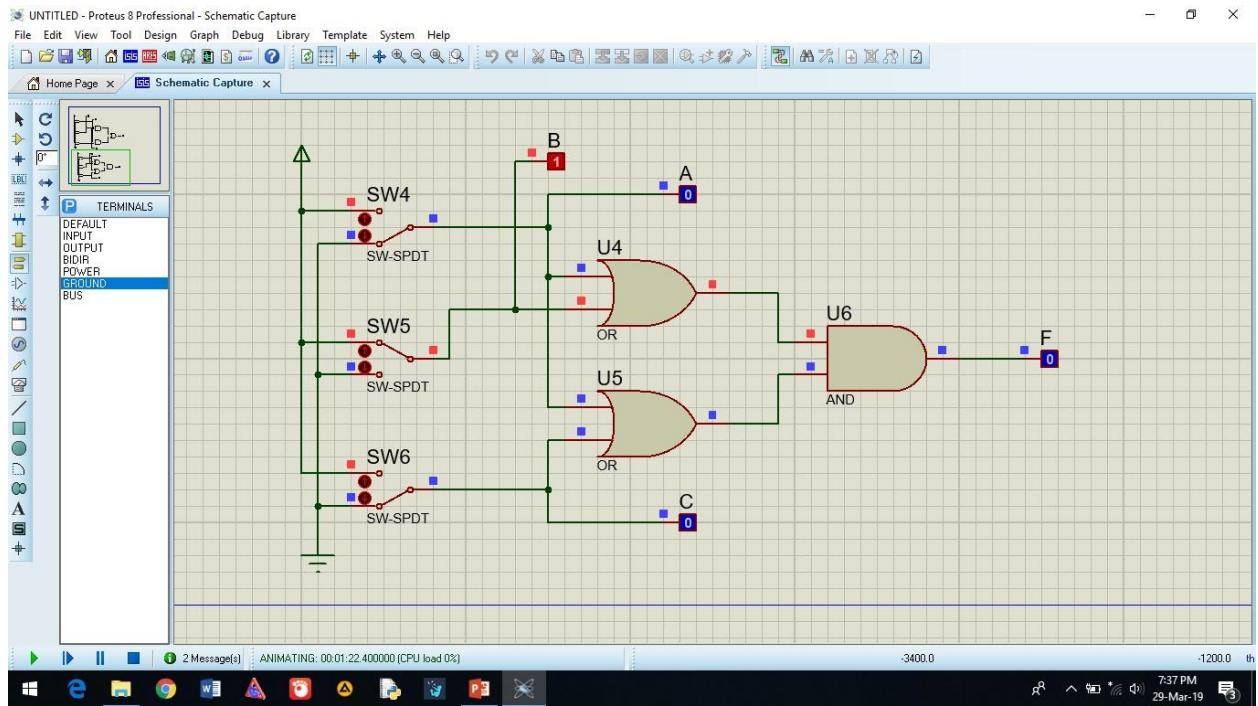
$$F = \underline{AC}$$

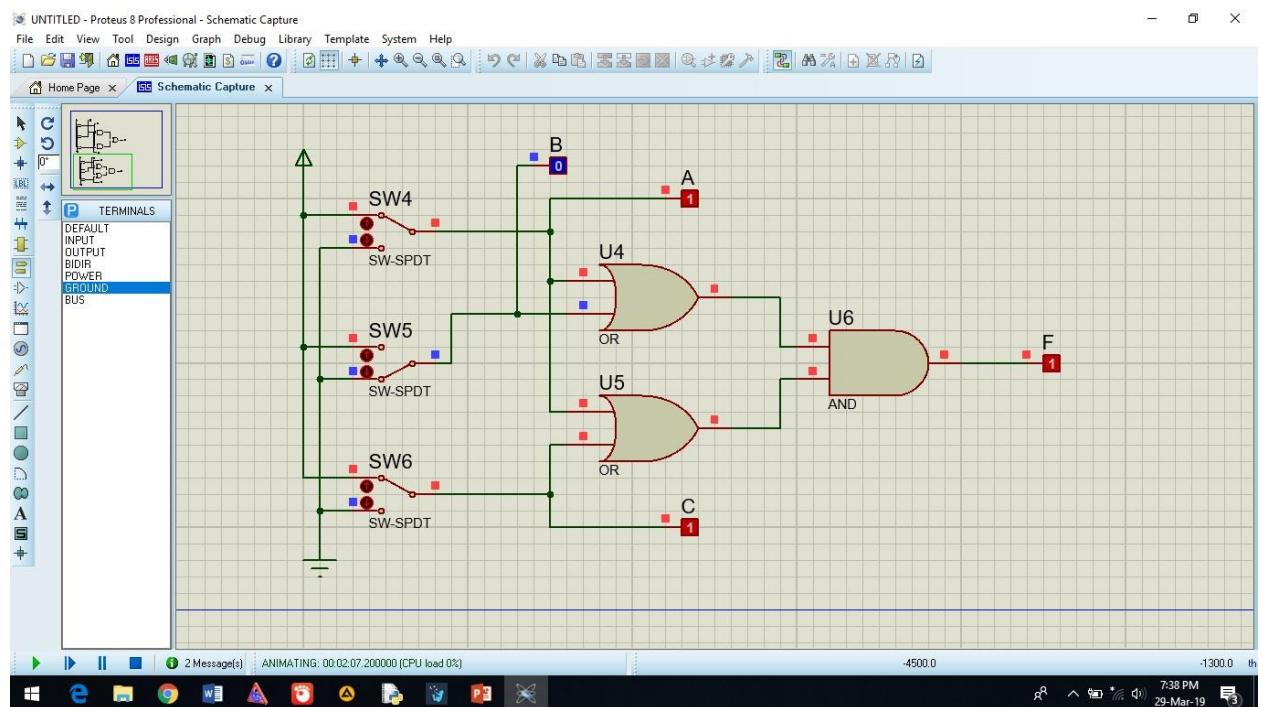
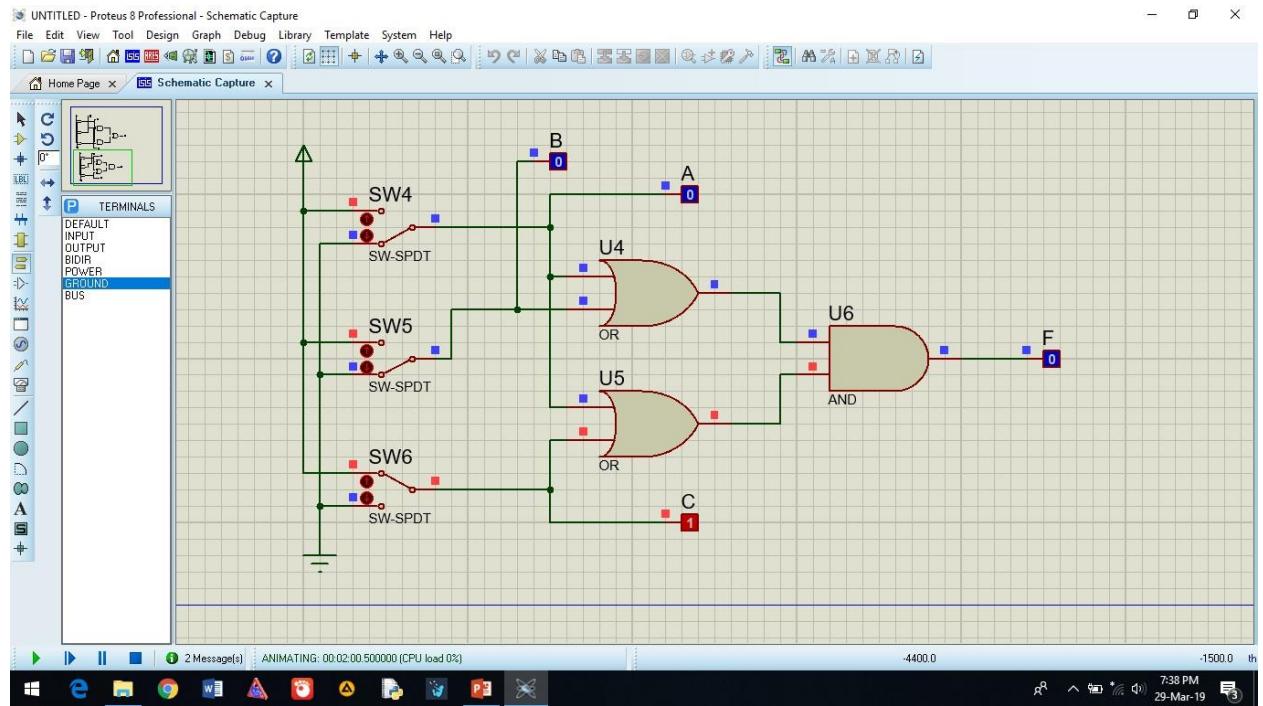
f) Buat kombinasi gerbang logika berdasarkan fungsi boolean baru anda! Gambar gerbang logika dalam kotak dibawah!

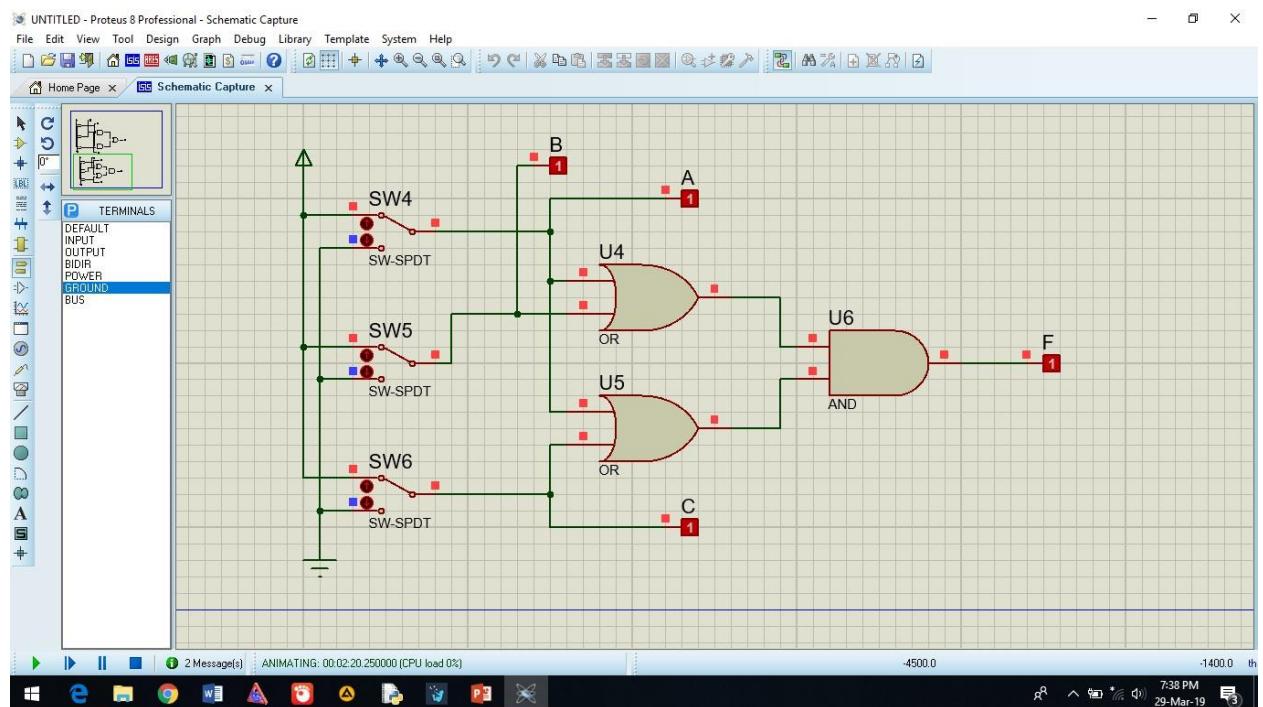
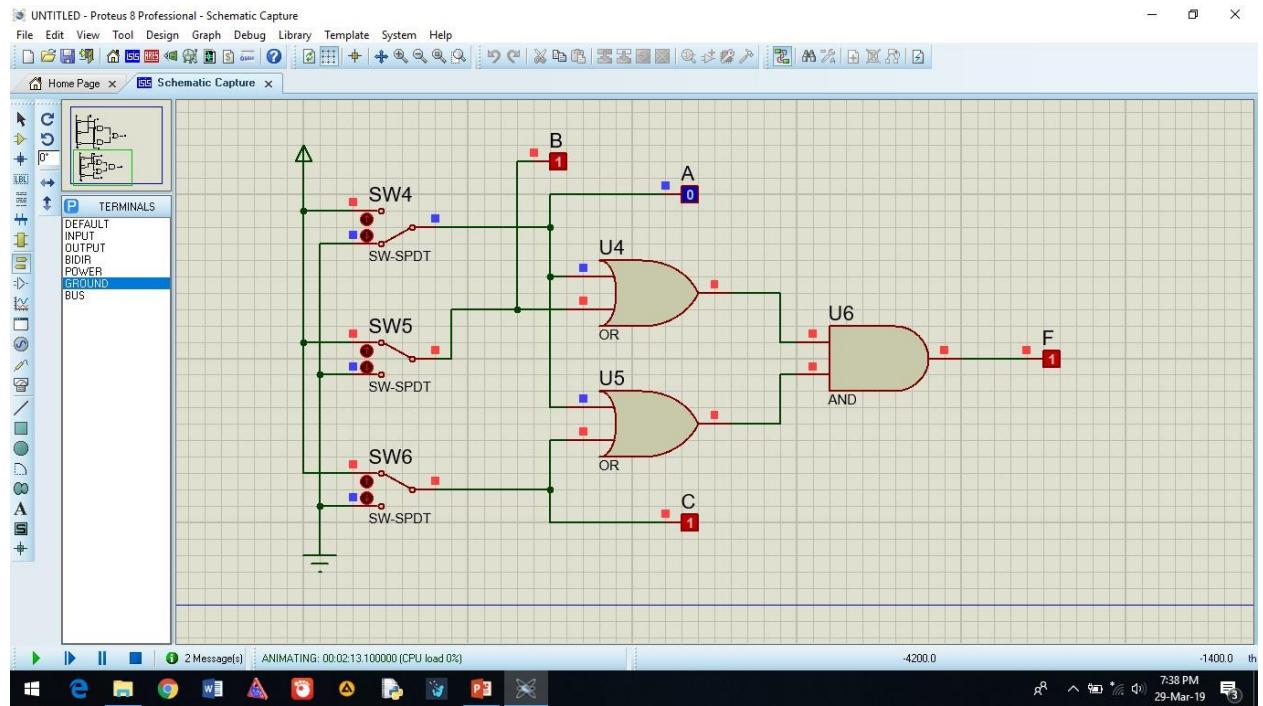


## Percobaan 2









Isi titik-titik dalam tabel keb

A	B	C	F
0	0	0	...
1	0	0	....
0	1	0	...
1	1	0	...
0	0	1	...
1	0	1	....
0	1	1	....
1	1	1	....

4. Isi titik-titik dalam karnaugh map

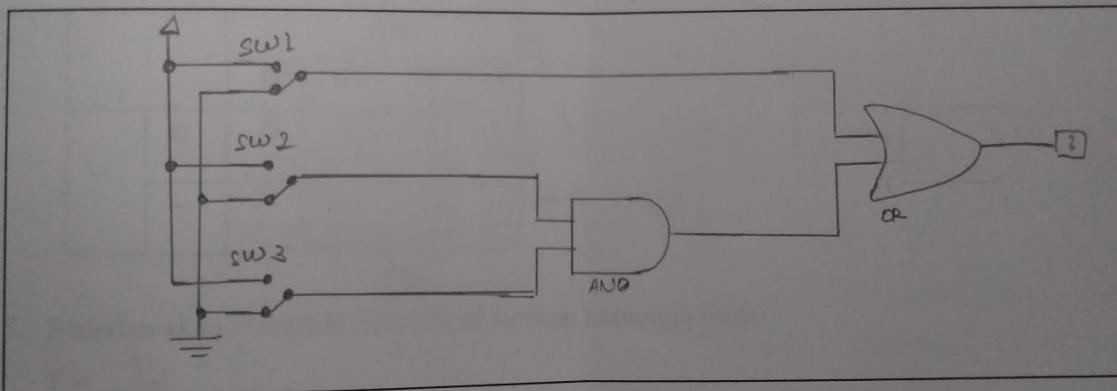
		AB			
		00	01	11	10
C	0	0 ....	0 ....	1 ....	1 ....
	1	0 ....	1 ....	1 ....	1 ....

$\Rightarrow A$

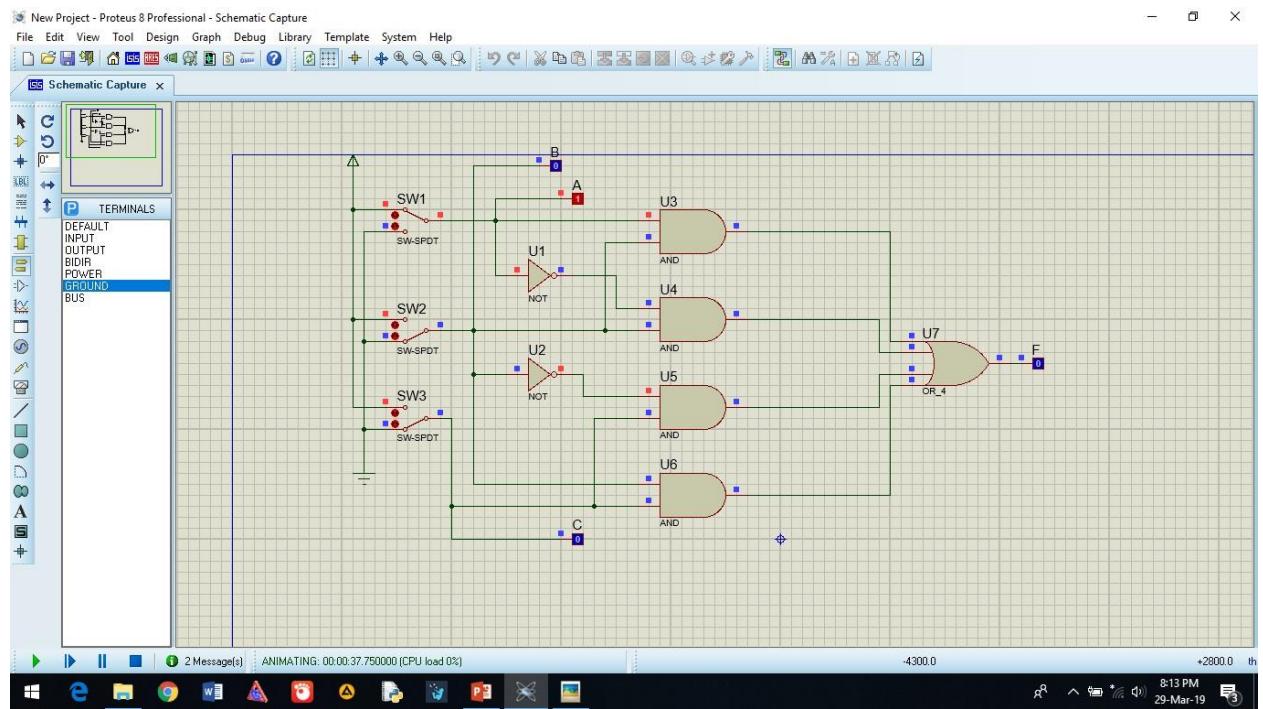
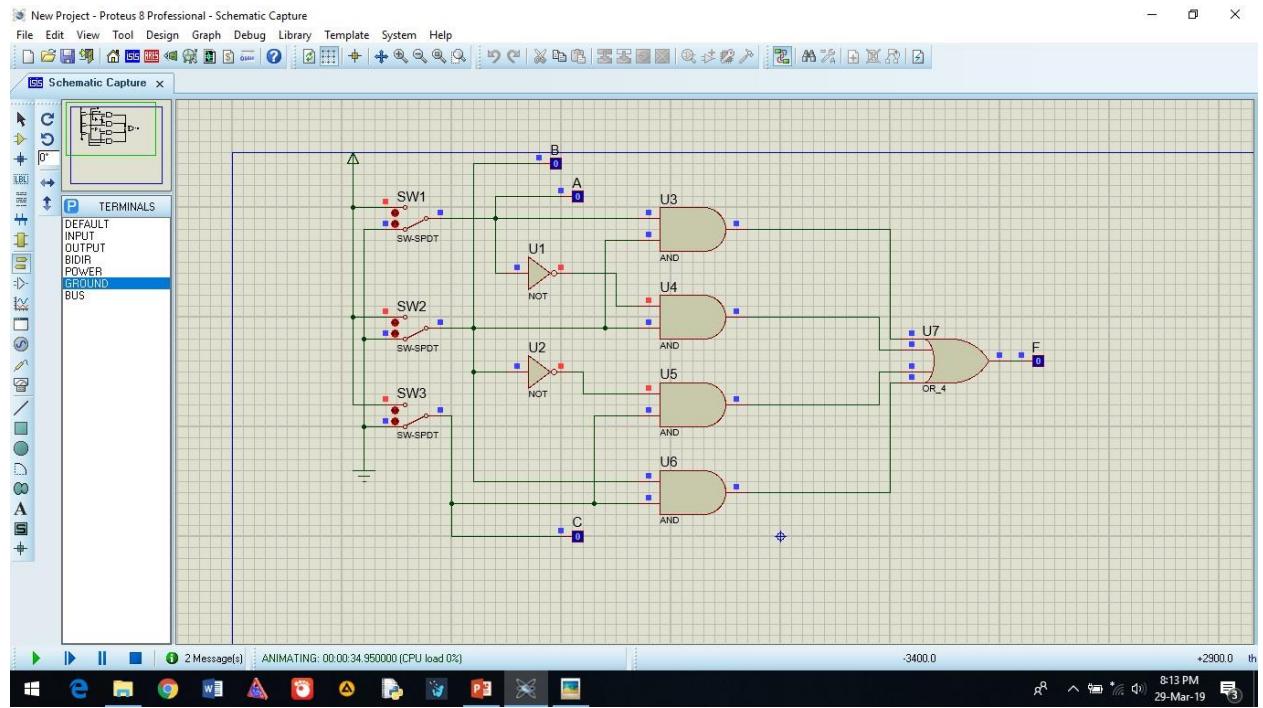
5. Sederhanakan Fungsi boolean berdasarkan karnaugh map :

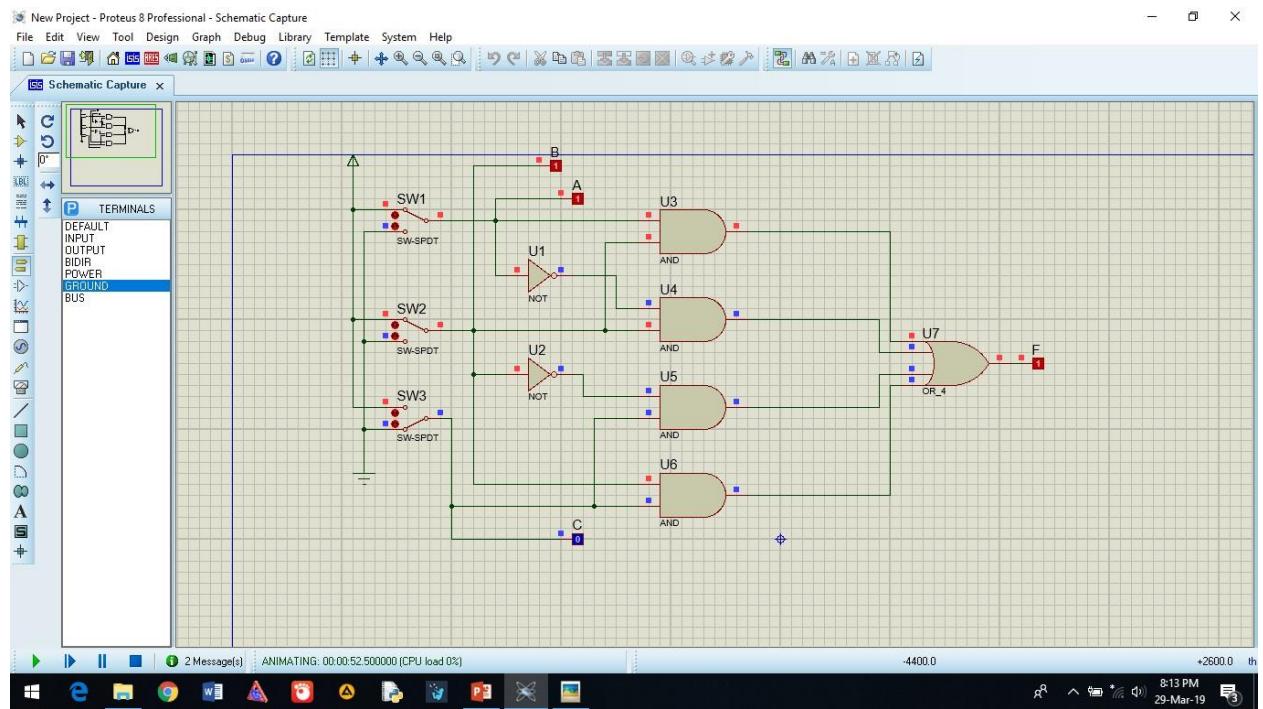
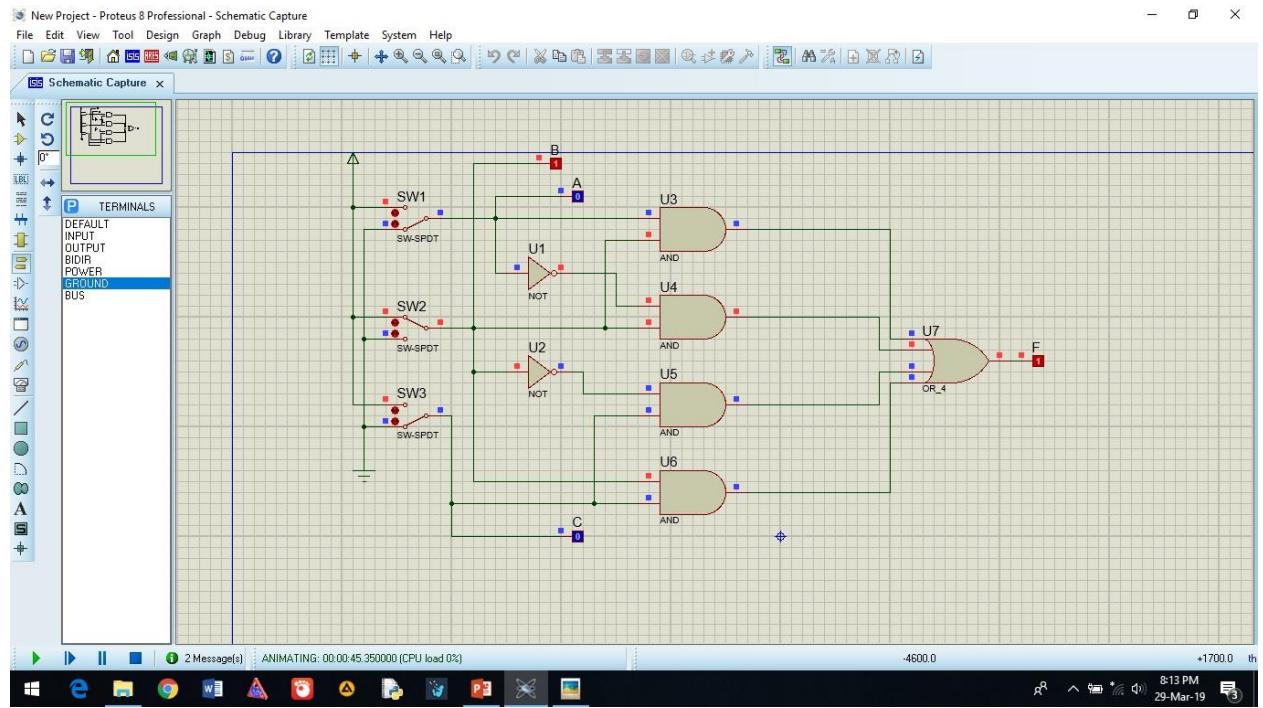
$$F = \dots A + BC \dots$$

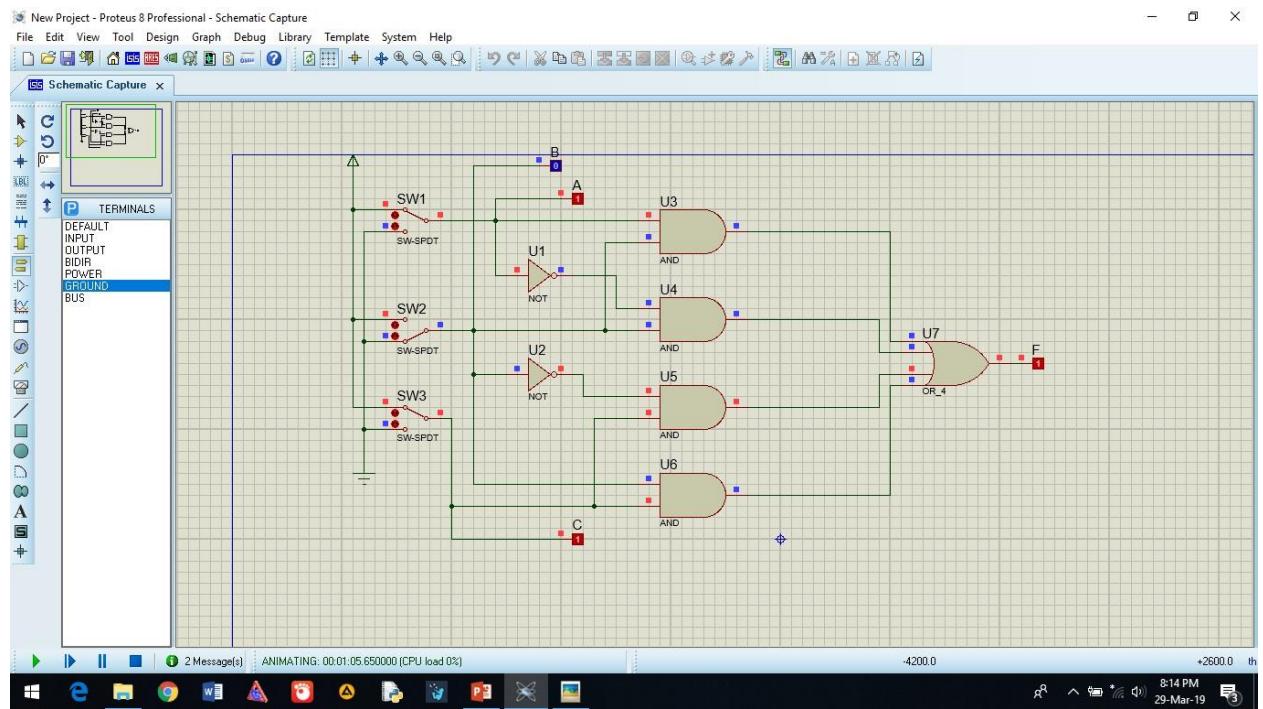
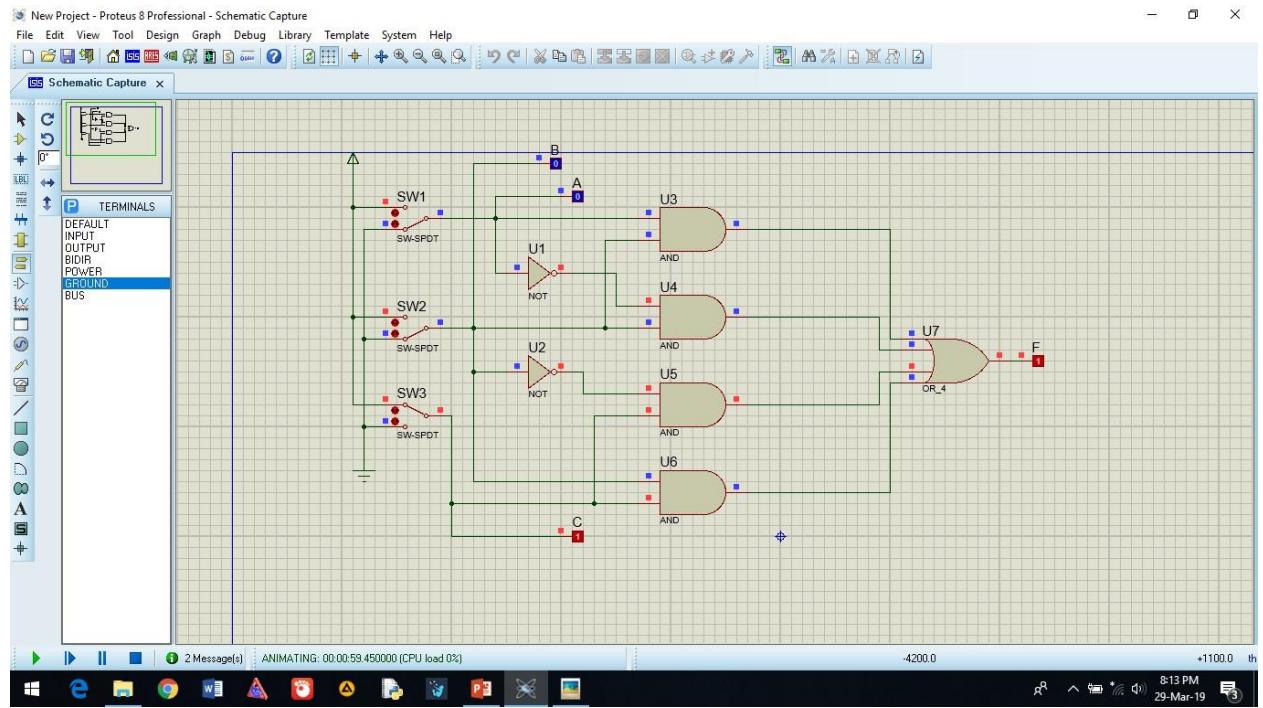
6. Buat kombinasi gerbang logika berdasarkan fungsi boolean baru anda! gambar gerbang logika dalam kotak dibawah!

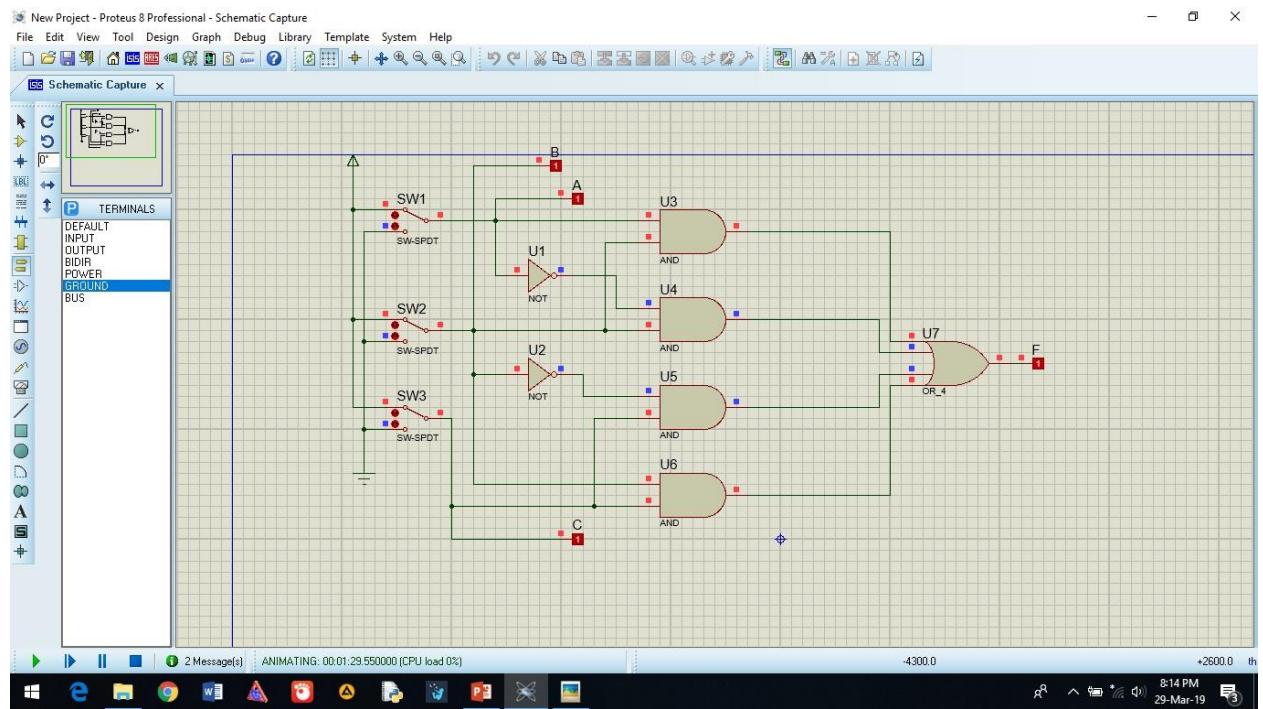
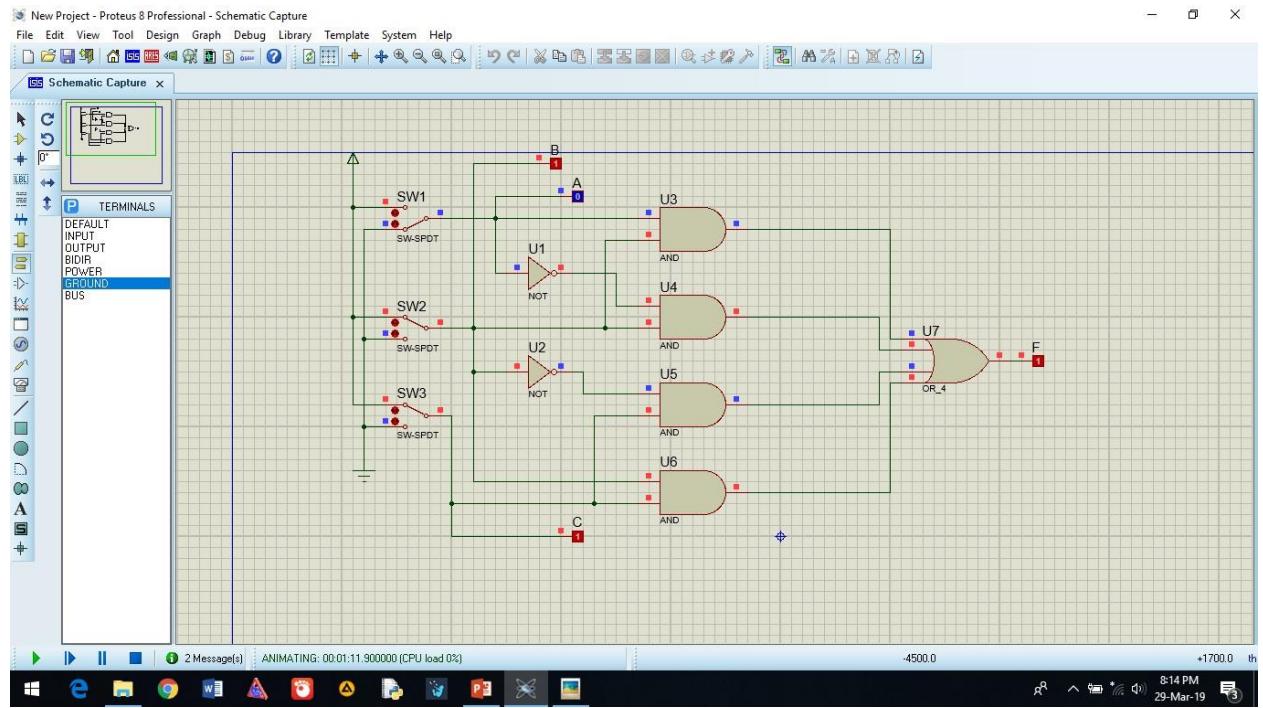


Percobaan 3







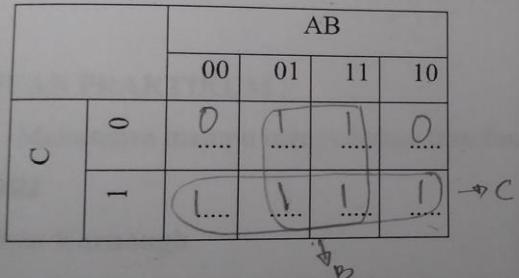


Isi titik-titik dalam tabel kebenaran

A	B	C	F
0	0	0	..0..
1	0	0	..0..
0	1	0	..1..
1	1	0	..1..
0	0	1	..1..
1	0	1	..1..
0	1	1	..1..

1	1	1	...
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4. Isi titik-titik dalam karnaugh map



5. Sederhanakan Fungsi boolean berdasarkan karnaugh map :

$$F = \dots B + C \dots$$

6. Buat kombinasi gerbang logika baru! Gambar dalam kotak dibawah ini!

