

TUGAS MODUL 4

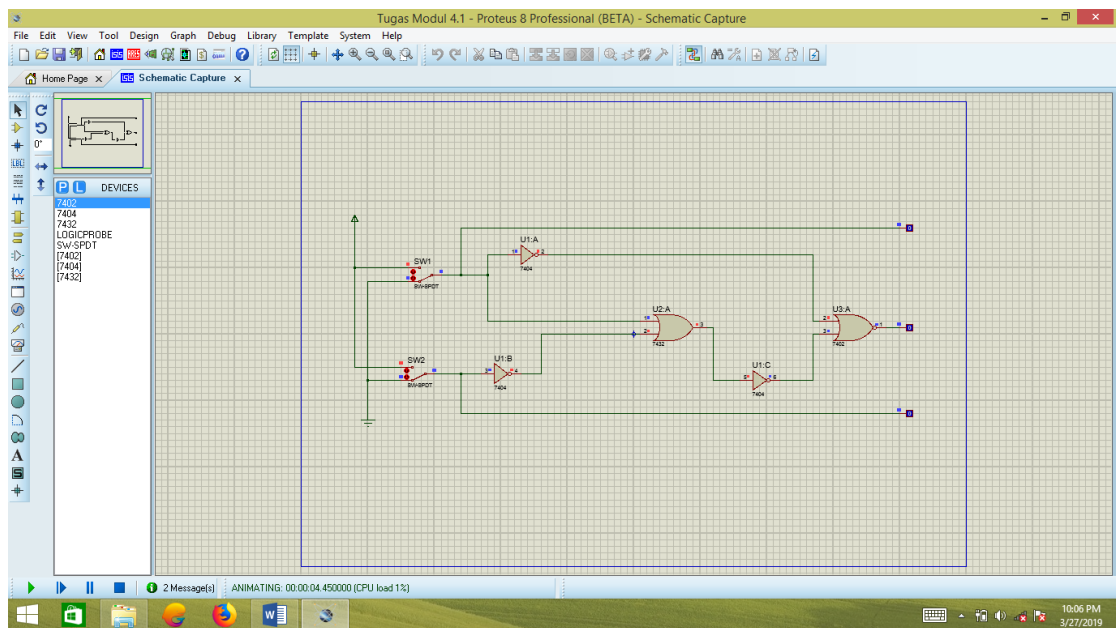
Nama : Muhammad Azka Nur Lutfi

NIM : L200180181

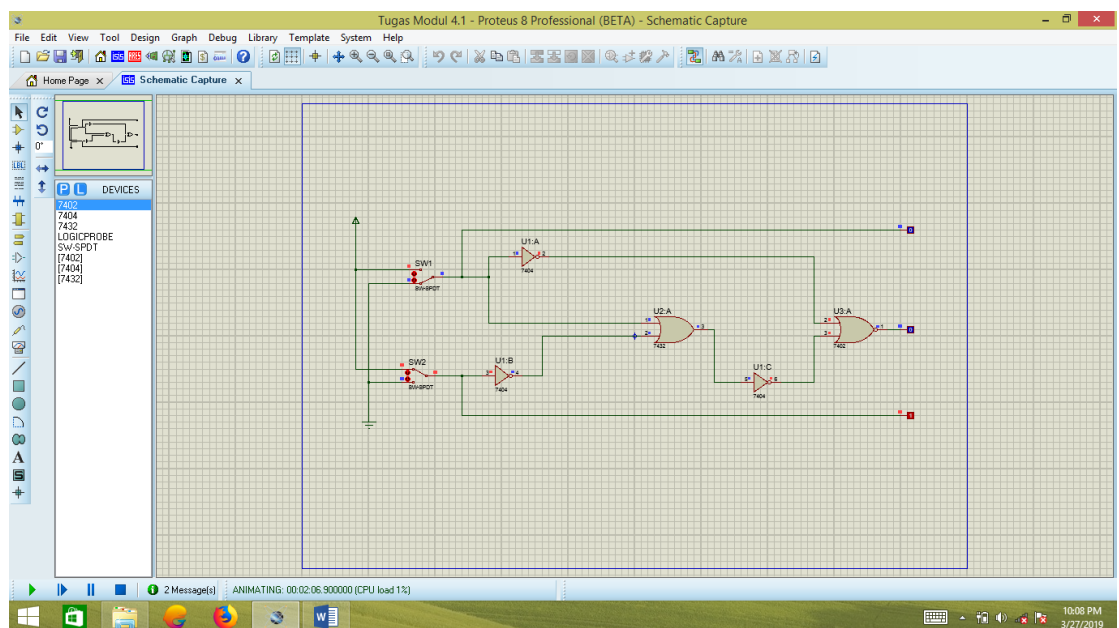
Kelas : F

1.

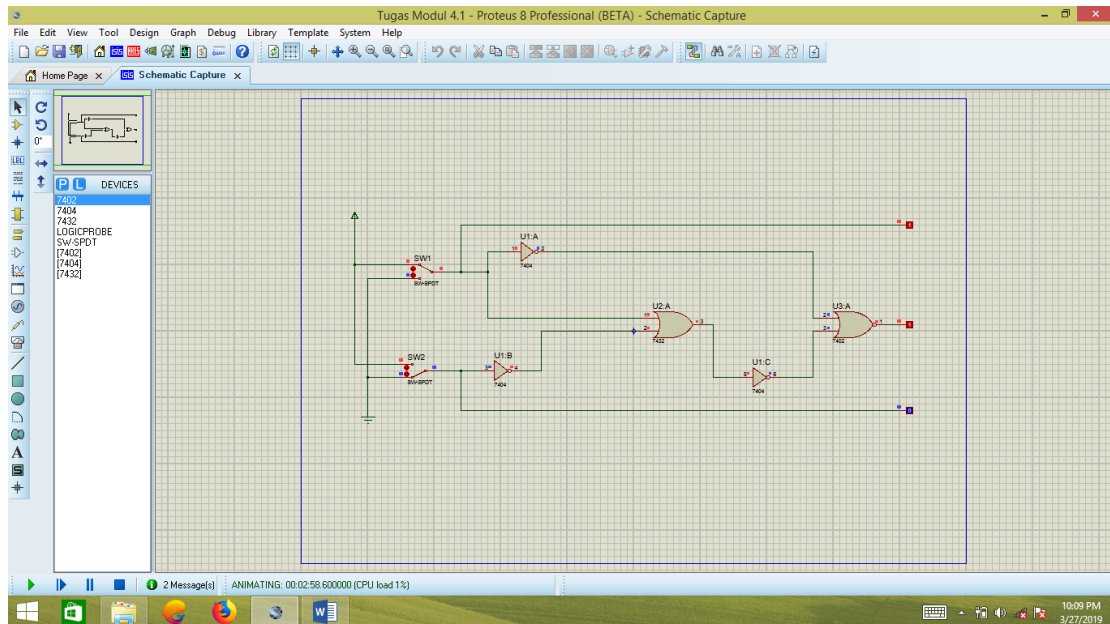
a. * Kondisi SW 01 : 0
SW 02 : 0



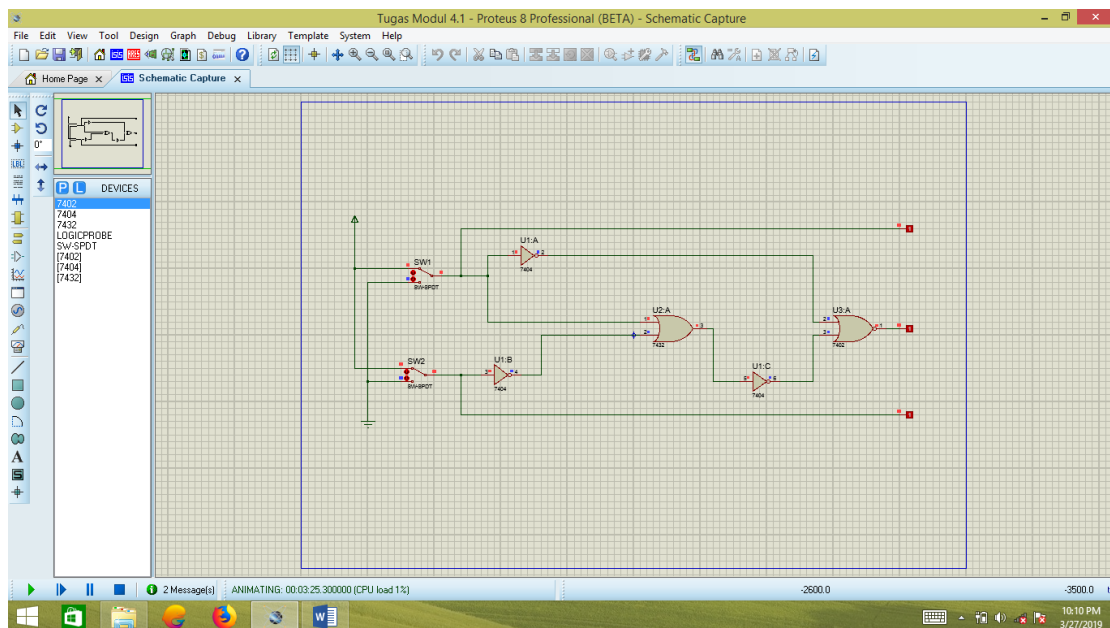
* Kondisi SW 01 : 0
SW 02 : 1



* Kondisi SW 01 : 1
SW 02 : 0



*Kondisi SW 01 : 1
SW 02 : 1

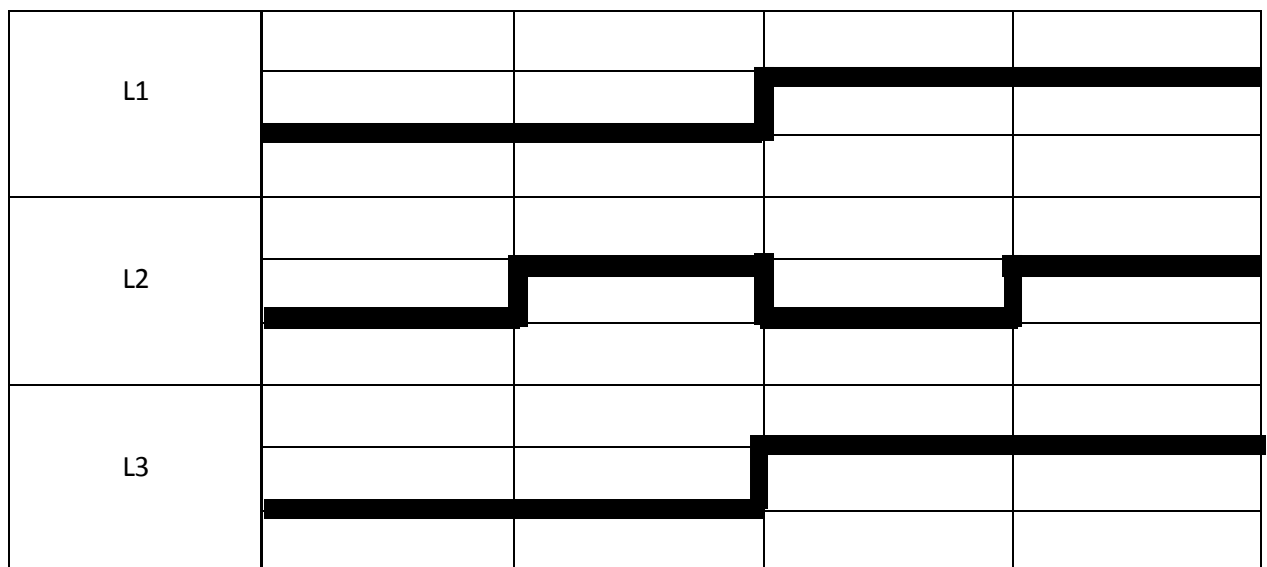


b. Fungsi Boolean : $(Y+X)+X = \overline{\overline{Y+X}+X}$

c. Tabel Kebenaran

SW 01	SW 02	L1	L2	L3
0	0	0	0	0
0	1	0	1	0
1	0	1	0	1
1	1	1	1	1

Diagram waktu



2. Rangkaian dari fungsi Boolean

$$F = (\overline{A} \cdot B + C) + (\overline{D} \cdot E)$$

