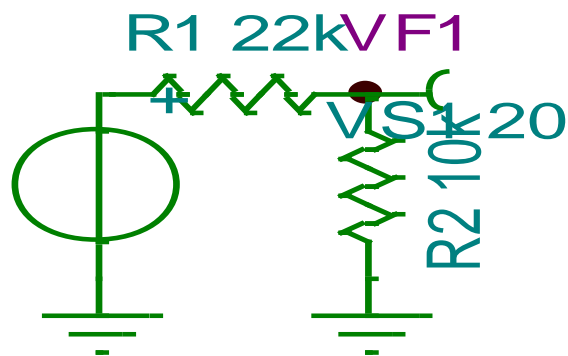


LUCRAREA NR.1 UTILIZAREA PLATFORMELOR DE SIMULARE

TINA-SPICE <https://www.ti.com/tool/TINA-TI>

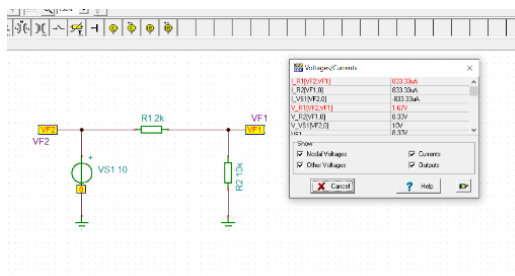
DC- ANALYSIS



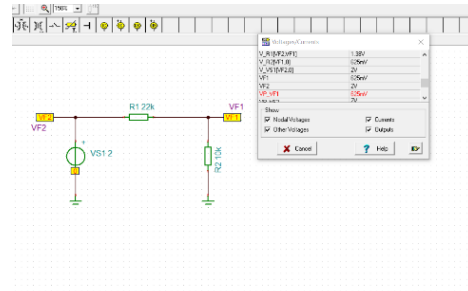
R1	2k	3k	4k	5k	6k	7k	8k	9k	10k
VF1	8.33V	7.69V	7.14V	6.67V	6.25V	5.88V	5.56V	5.26V	5V

VS1	2V	3V	4V	5V	6V	7V	8V	9V	10V
VF1	625mV	937.5mV	1.25V	1.56V	1.88V	2.19V	2.5V	2.81V	3.13V

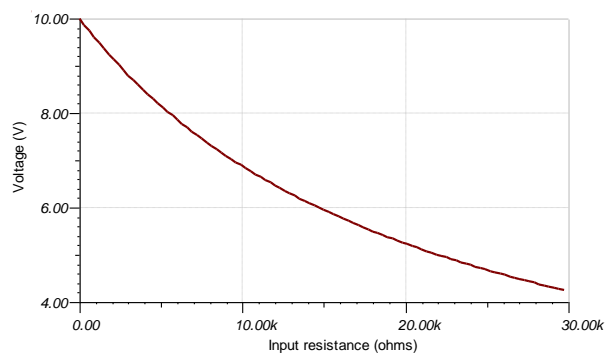
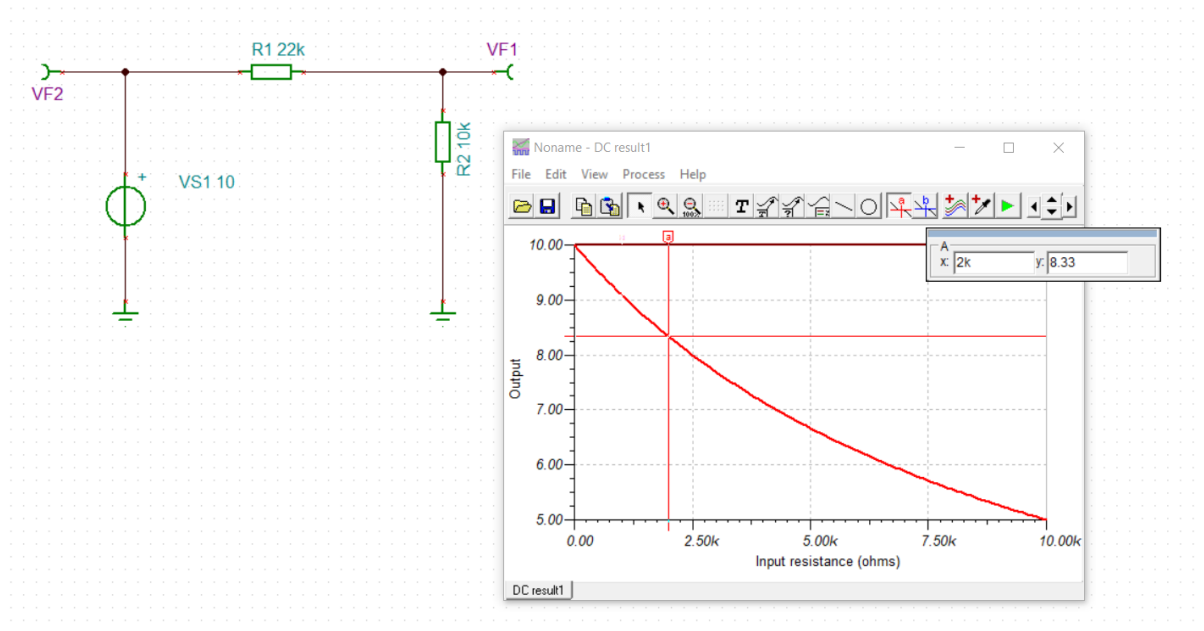
Pentru tabel 1 - modific R1



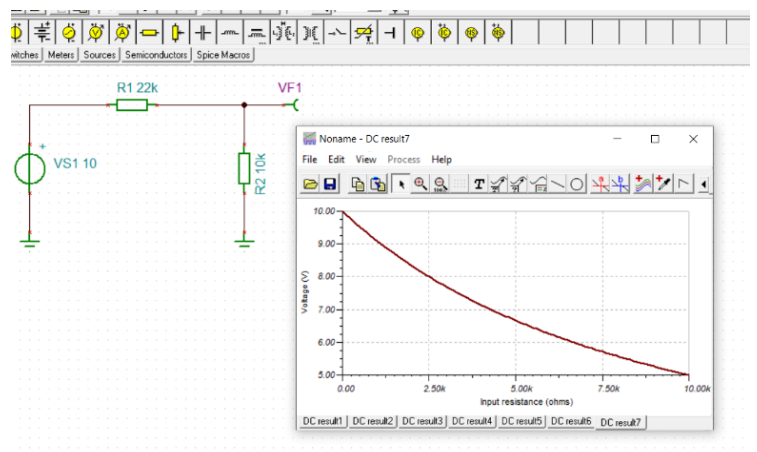
Pentru tabel 2 - modific VS1

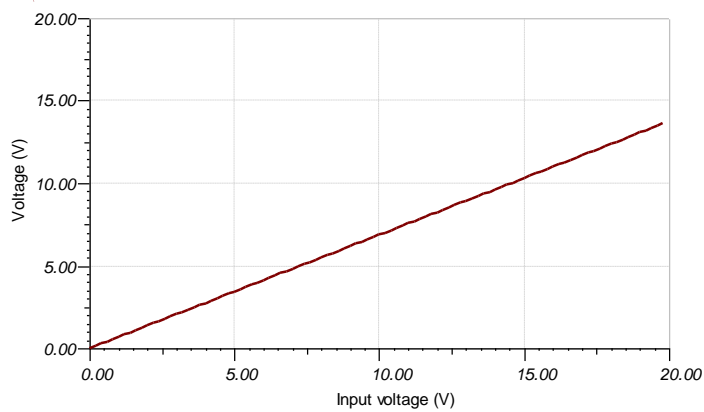


Tabele se mai puteau completa si setand punctele de interes pe grafic cu ajutorul butonului :

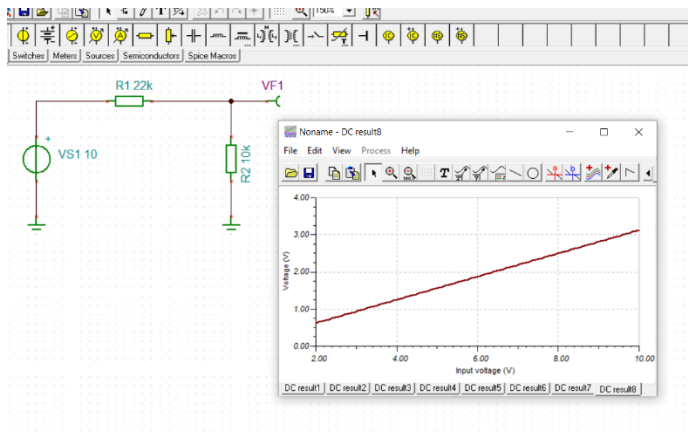


Graficul aferent primului tabel

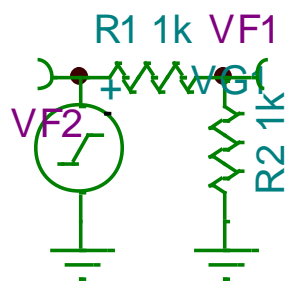




Graficul aferent celui de-al doilea tabel



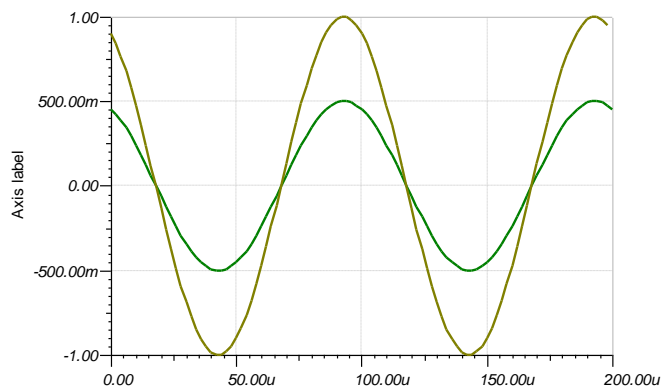
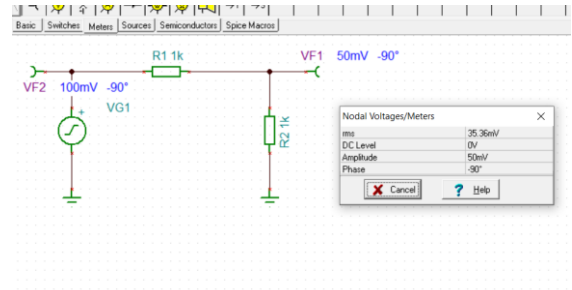
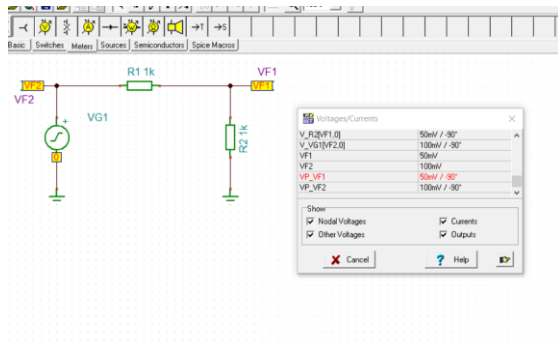
AC-ANALYSIS



Tabel 3

VF2 V _v	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
VF1 V _v	50mV	100 mV	150 mV	200 mV	250 mV	300 mV	350 mV	400 mV	450 mV	500 mV

Modalitati de a determina VF1 pentru tabelul 3 :



Semnalul VF1 este evidentiat cu rosu, iar semnalul VF2 cu verde

