

Name: Nafinur Leo

Id: 20-42195-1

Section: W

Circuit1:

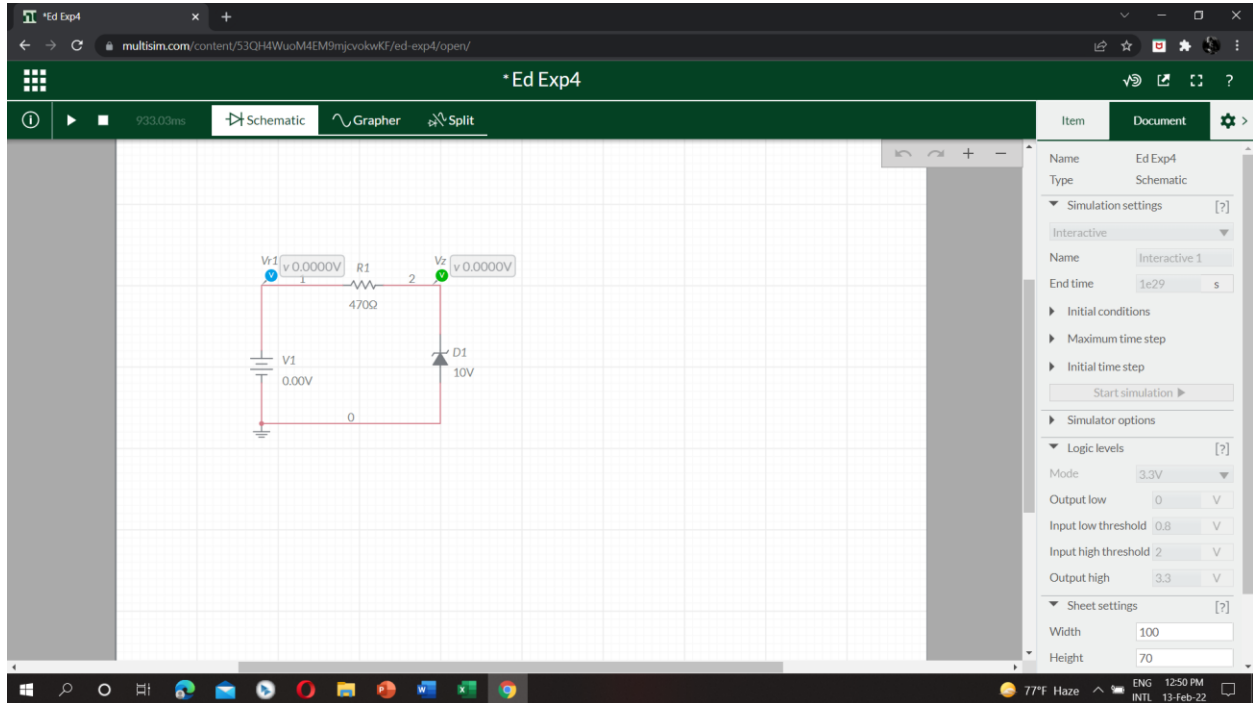


Table1:

V	Vr1	Vz	$I=(Vr1/R1)$
0	0	0	0
2	2	1.99	0.00425
4	4	3.99	0.015
6	6	5.99	0.022
8	8	7.99	0.029
10	10	9.88	0.037

Circuit2:

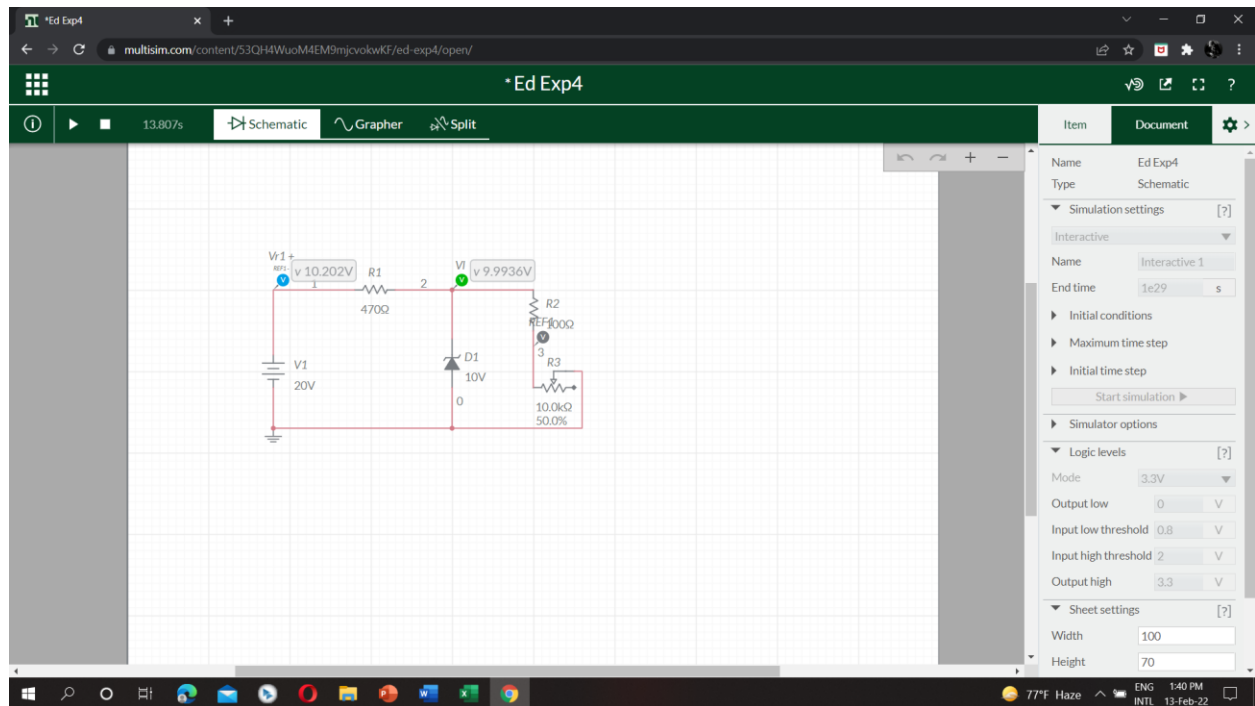


Table2:

Vr	100	300	500	700
VL	19.916	19.715	19.585	19.422
IL= (Vr/R)	0.212	0.368	1.064	1.489

Circuit3:

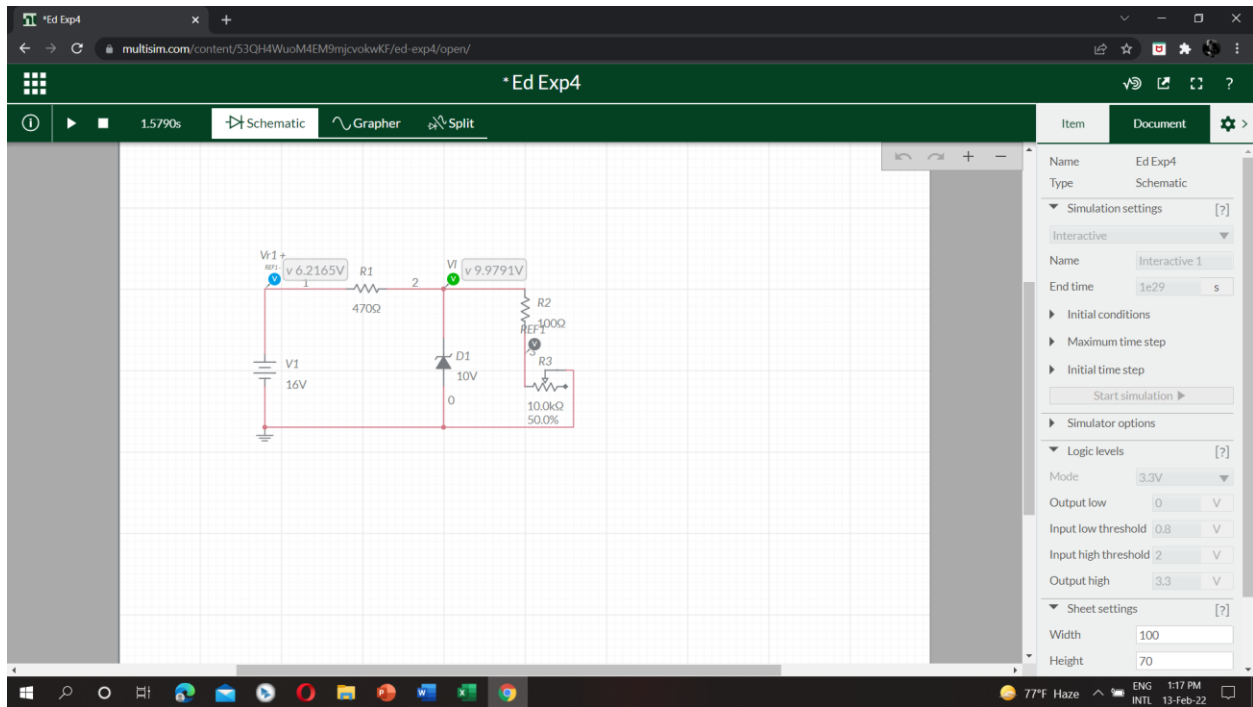


Table3:

V	16	12	9	6
Vr	6.216	2.253	$921.35 \cdot 10^{-3}$	$614.24 \cdot 10^{-3}$
Vl	9.979	9.942	8.2402	5.493