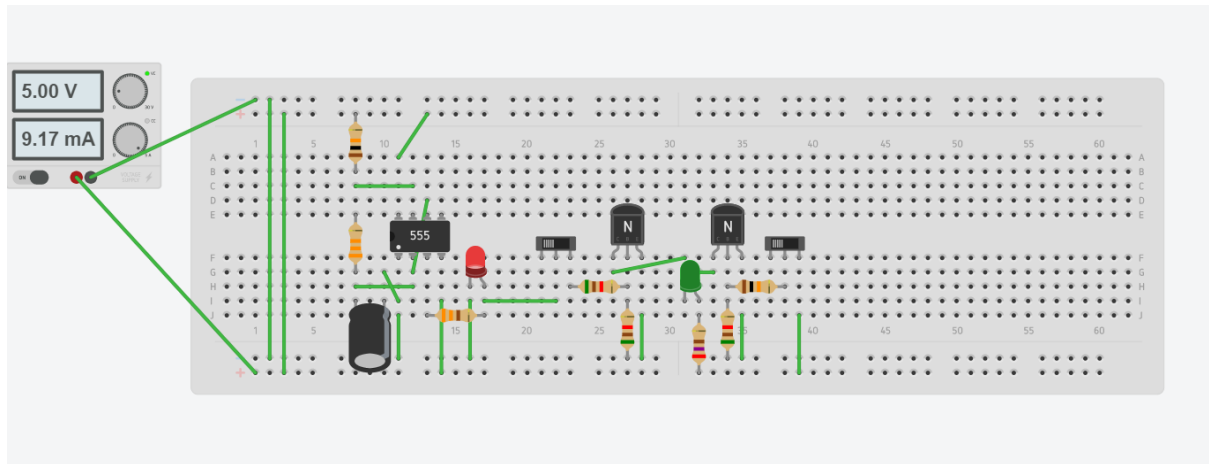
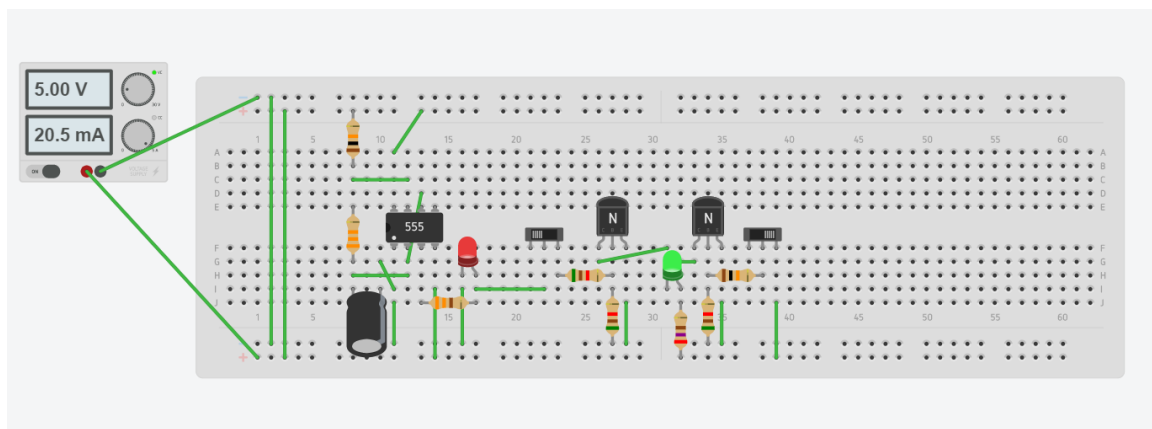


## Lucrare laborator5

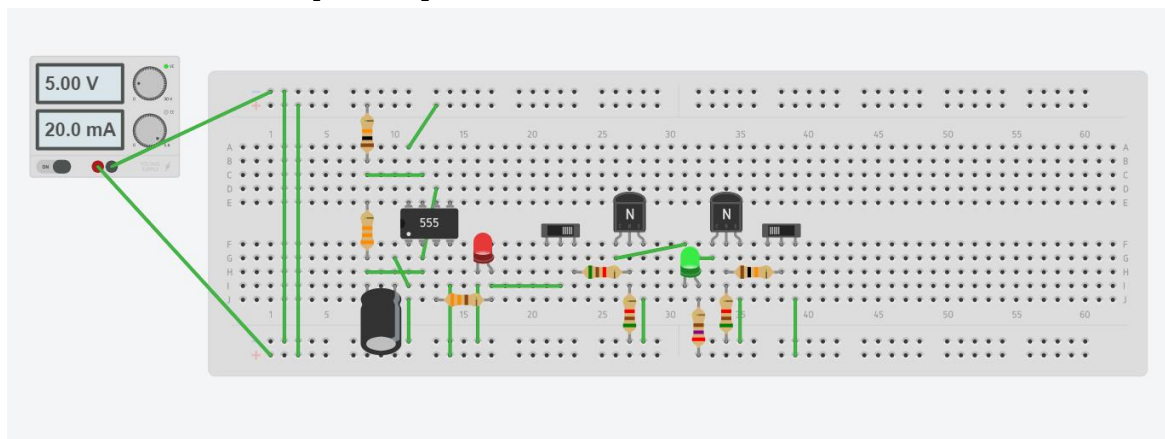
1) PRIMA VERIFICARE:  $K_1-3$   $K_2-3$



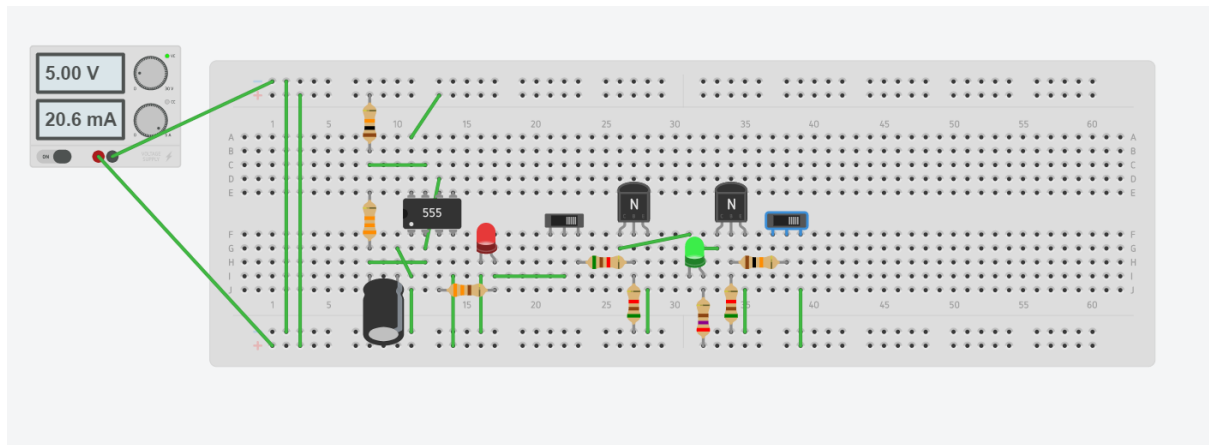
$K_1-3$   $K_2-2$



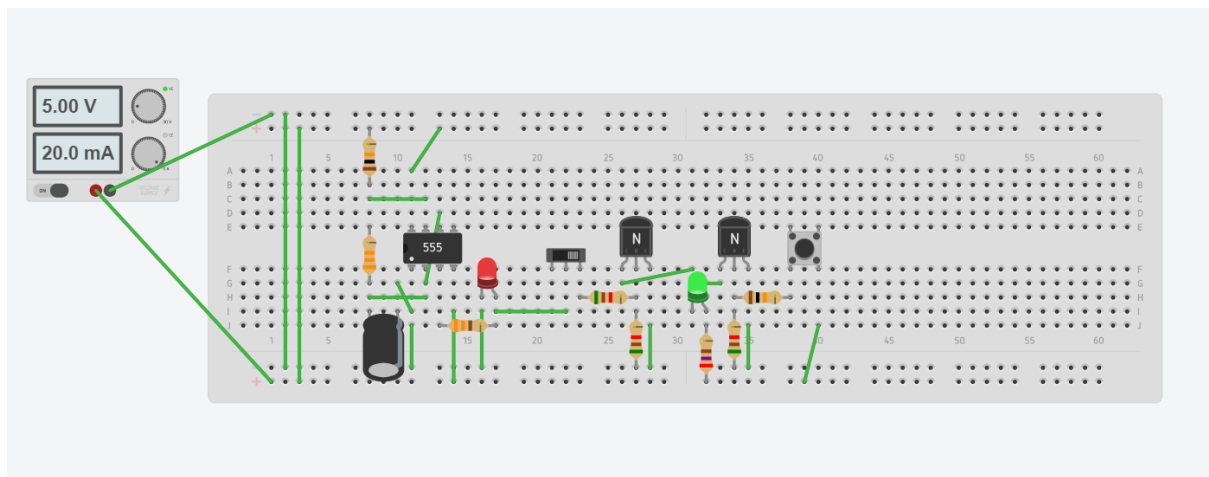
A DOUA VERIFICARE:  $K_1-2$   $K_2-3$



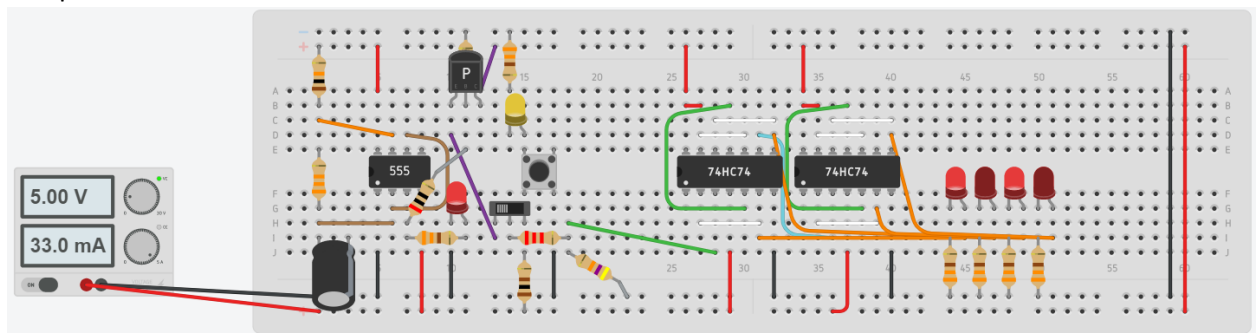
K<sub>1</sub>-2 K<sub>2</sub>-3



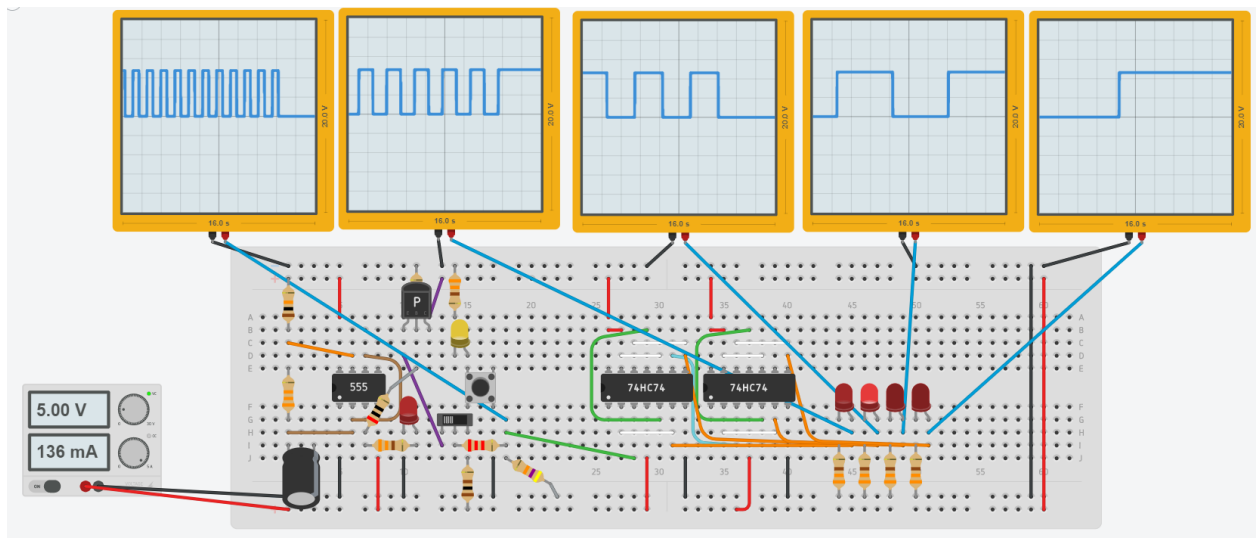
Buton push:



2) AM adaugat un transistor pnp, deoarece daca conectam timerul 555 direct la numinator acesta nu recepta semnalul.



Am adaugat osciloscoapele in ordine ( de la Q0 la Q4). Se observa ca frecventa se injumatatesta la fiecare inaintare in osciloscoape.



Tact	Q1	Q2	Q3	Q4
0	0	0	0	0
1	1	0	0	0
2	0	1	0	0
3	1	1	0	0
4	0	0	1	0
5	1	0	1	0
6	0	1	1	0
7	1	1	1	0
8	0	0	0	1
9	1	0	0	1
10	0	1	0	1
11	1	1	0	1
12	0	0	1	1
13	1	0	1	1
14	0	1	1	1
15	1	1	1	1
16	0	0	0	0