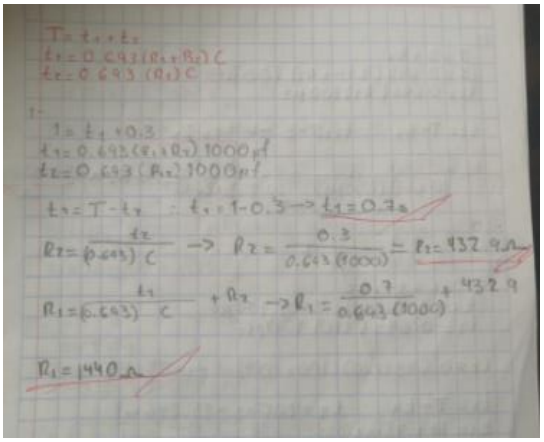
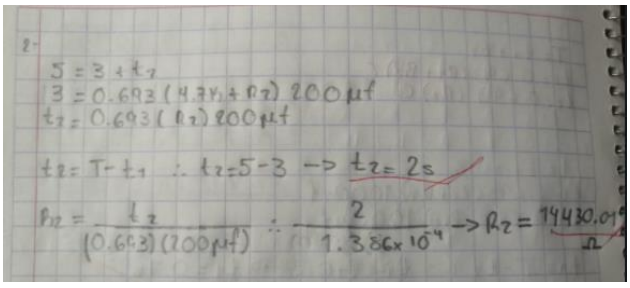
Práctica 18: Circuitos multivibradores

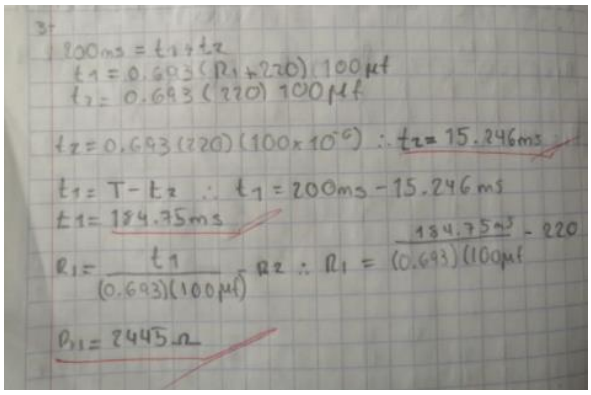
Nombre: Colín Ramiro Joel No. de lista: 3

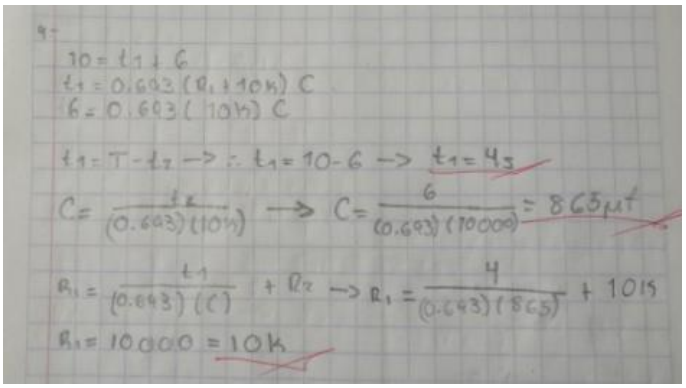
Cálculos del punto 1

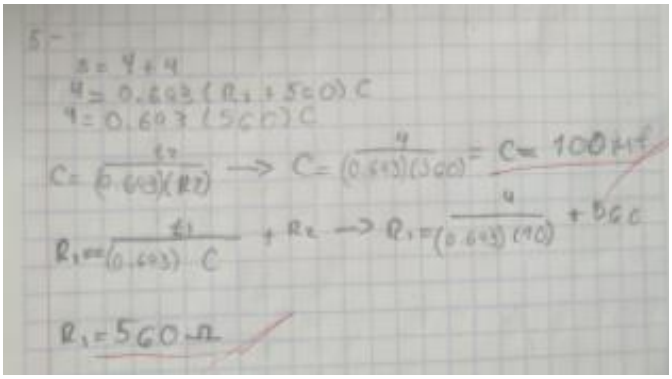
T(s)	$t_1(s)$	$t_2(s)$	C(f)	$R_1(\Omega)$	$R_2(\Omega)$
1	.7	.3	1000 u	1440	430
5	3	2	200 u	4.7 k	14k
200 m	15.246 m	184.75 m	100 u	2445	220
10	4	6	820 u	10k	10 k
8	4	4	100 u	560	560





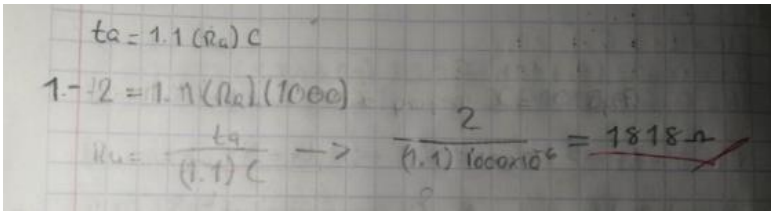


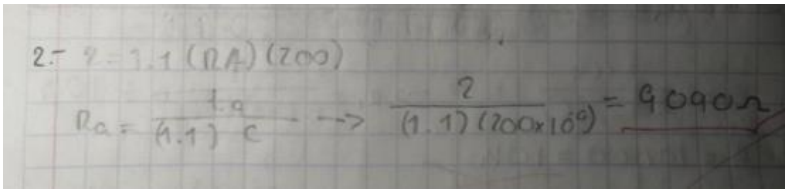


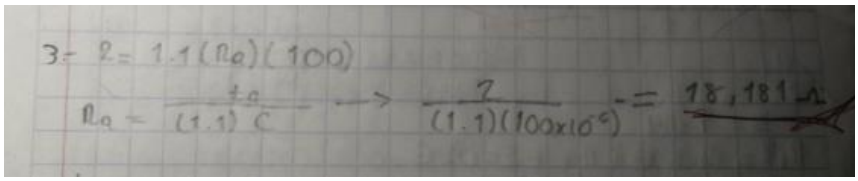


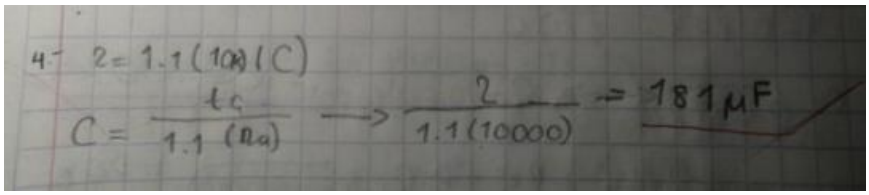
Cálculos del punto 3

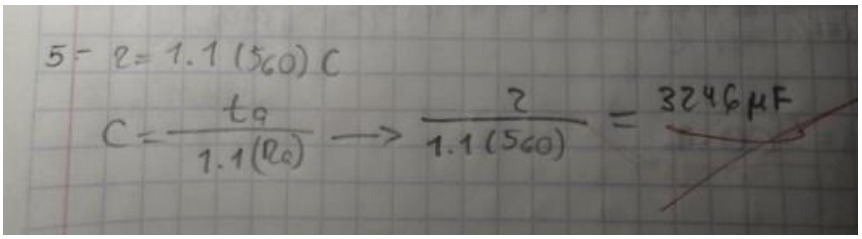
T(s)	C(f)	$R_a(\Omega)$
2	1000 u	1.8k
2	200 u	9k
2	100 u	18k
2	180 u	10 k
2	3200 u	560





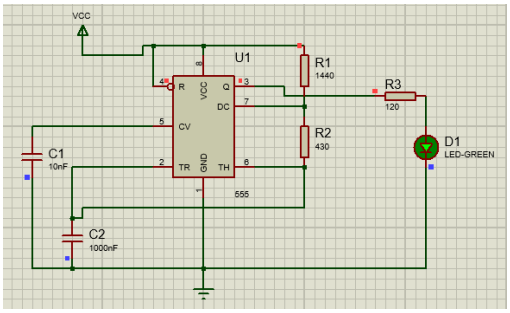


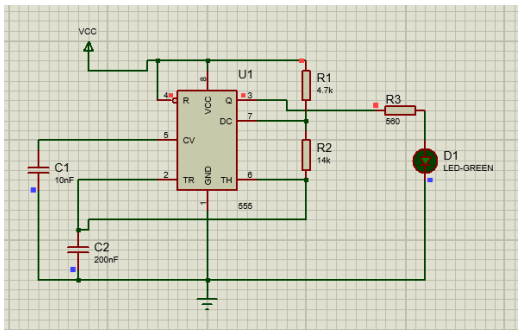


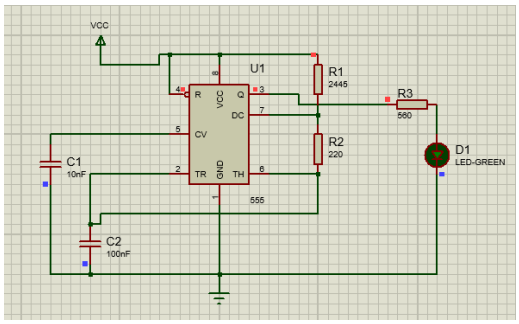


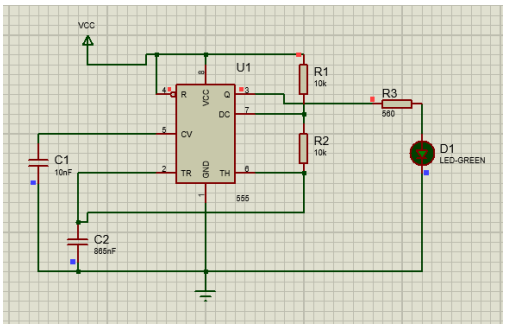
Capturas de Proteus

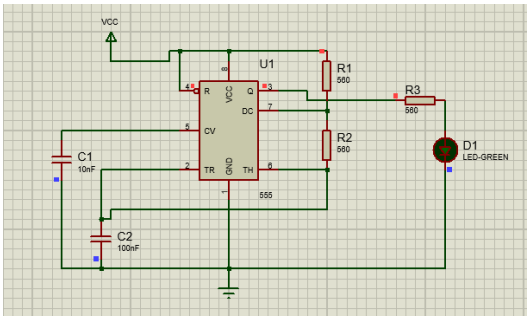
Circuito astable






VCC
U1
R1
2445
R3
560
R2
220
D1
LED-GREEN
C1
10nF
C2
100nF
555


VCC
U1
R1
10k
R3
560
R2
10k
D1
LED-GREEN
C1
10nF
C2
986nF
555


VCC
U1
R1
560
R3
560
R2
560
D1
LED-GREEN
C1
10nF
C2
100nF
555

Circuito monoestable