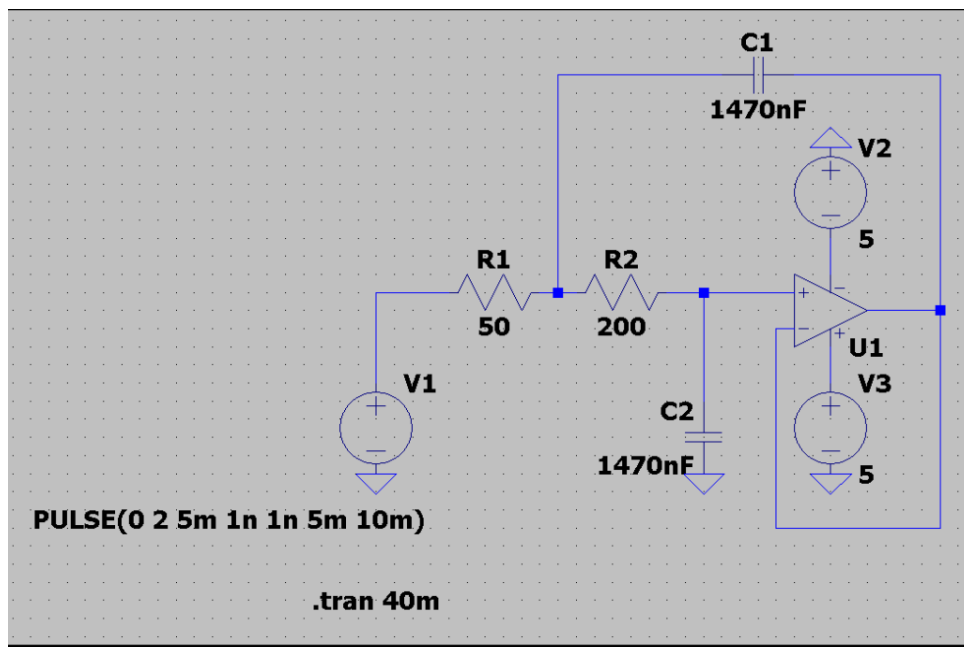
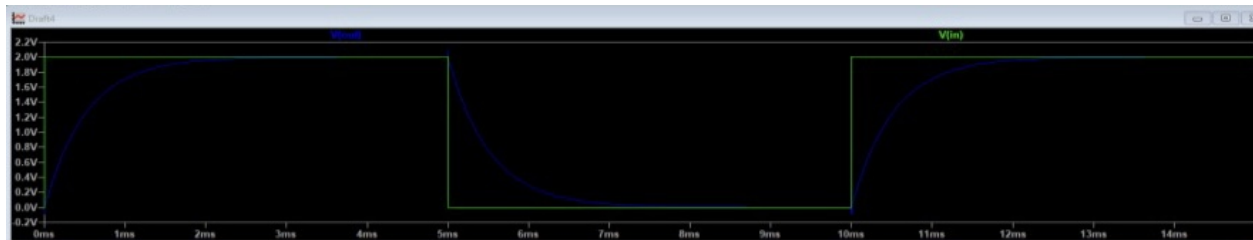
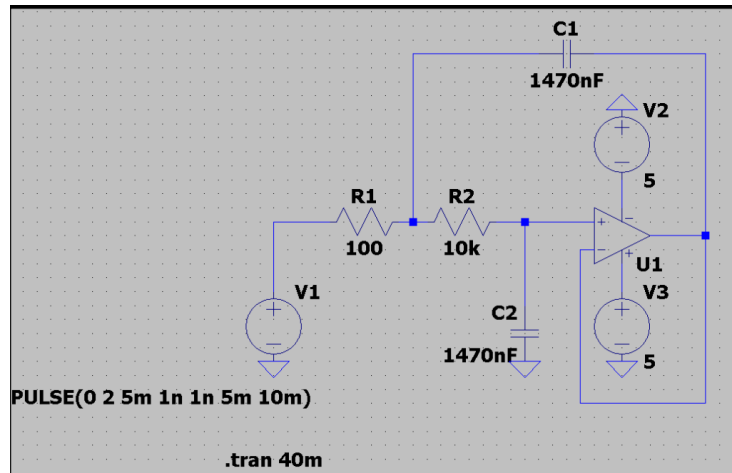
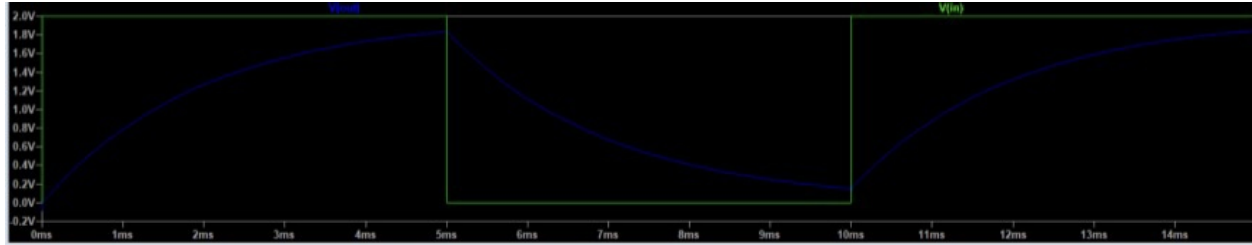


$$\text{Equations: } Q = \frac{\omega_0}{2\alpha} = \sqrt{\frac{C_1}{C_2} * \frac{R_{eq}}{R_1 + R_2}} = \sqrt{\frac{C_1}{C_2} * \frac{R_1 R_2}{(R_1 + R_2)^2}}$$

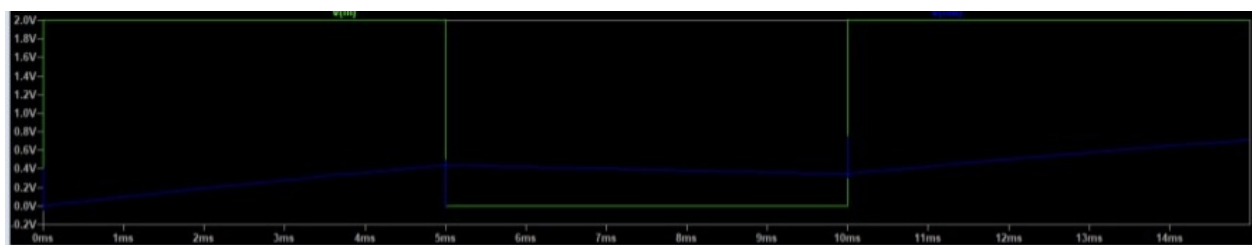
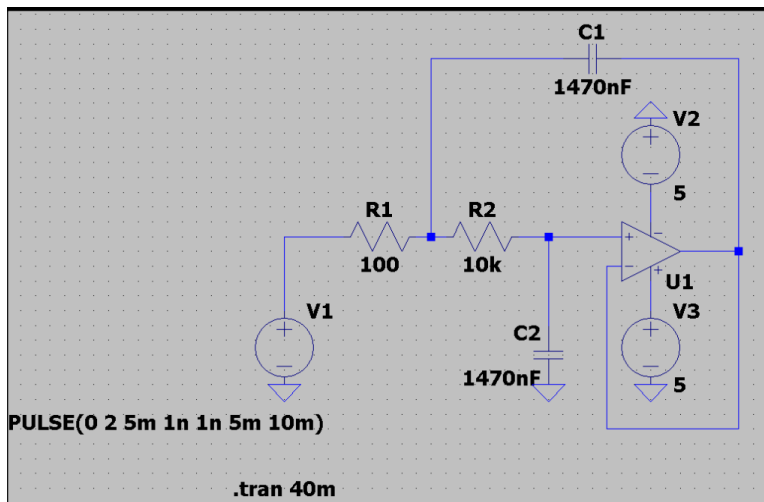
1a)



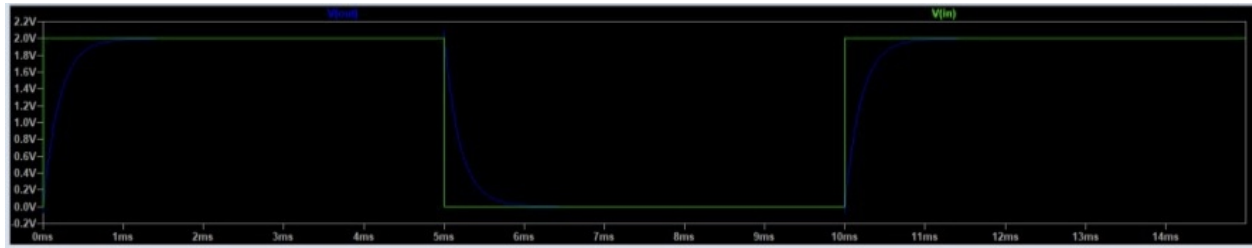
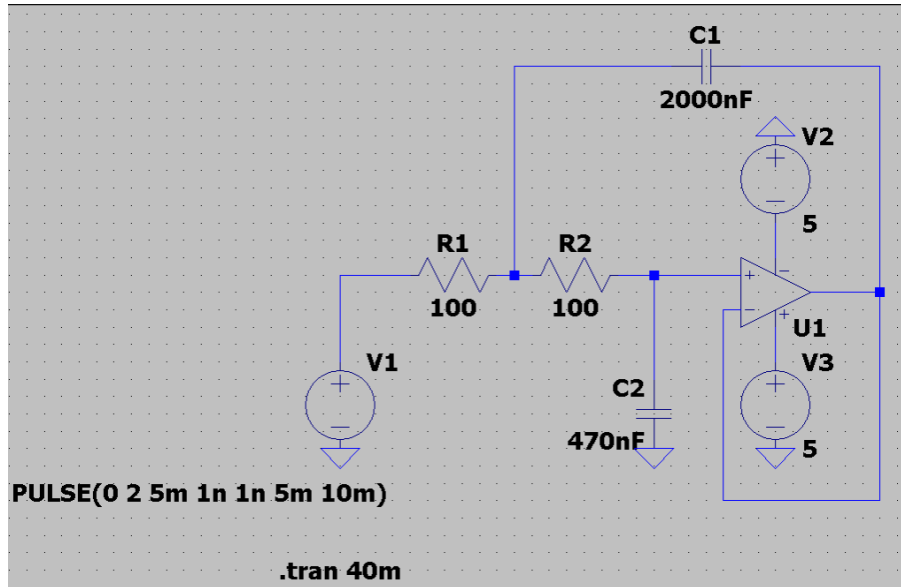
1b)



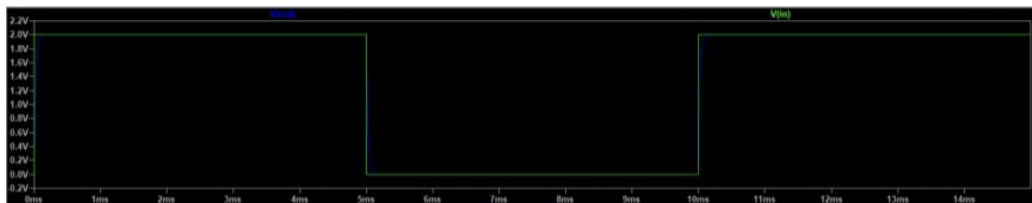
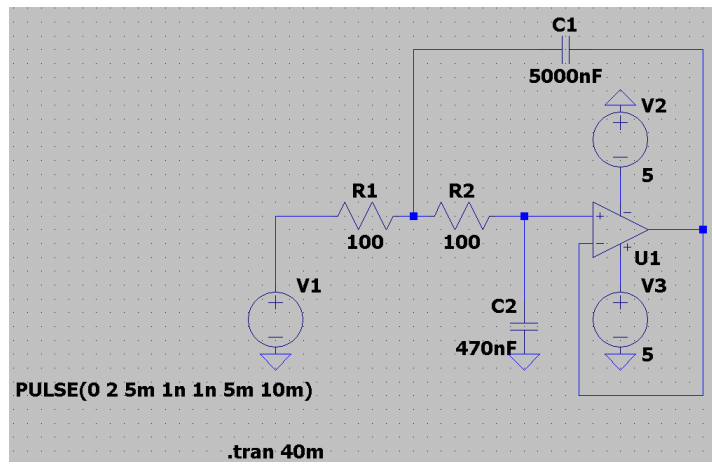
1c)



1d)



1e)



Q	C1(nF)	C2(nF)	R1(Ω)	R2(Ω)
1/2	1470	1470	50	200
1/10	1470	1470	100	10k
1/4	1470	1470	50	670
1	2000	470	100	100
2.5	5000	470	100	100