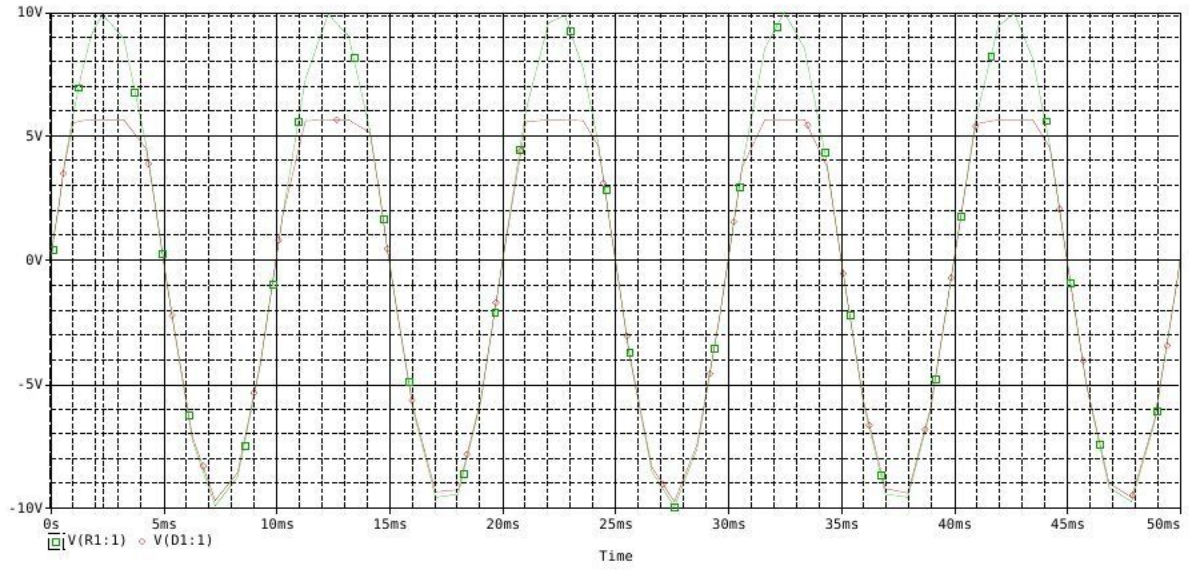
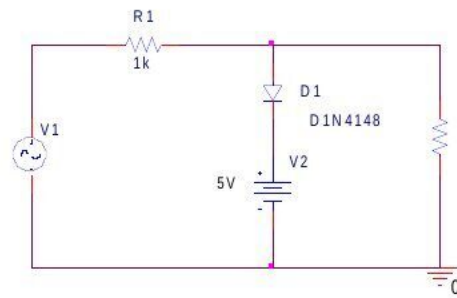
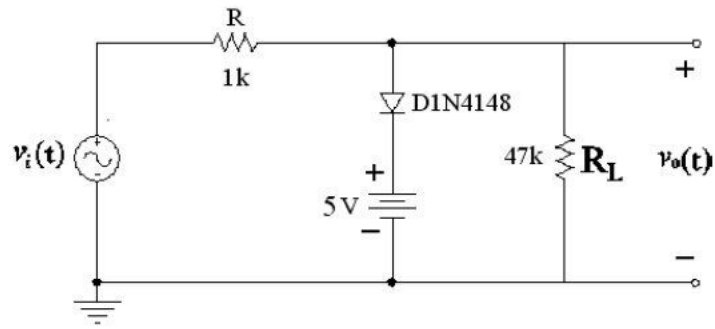
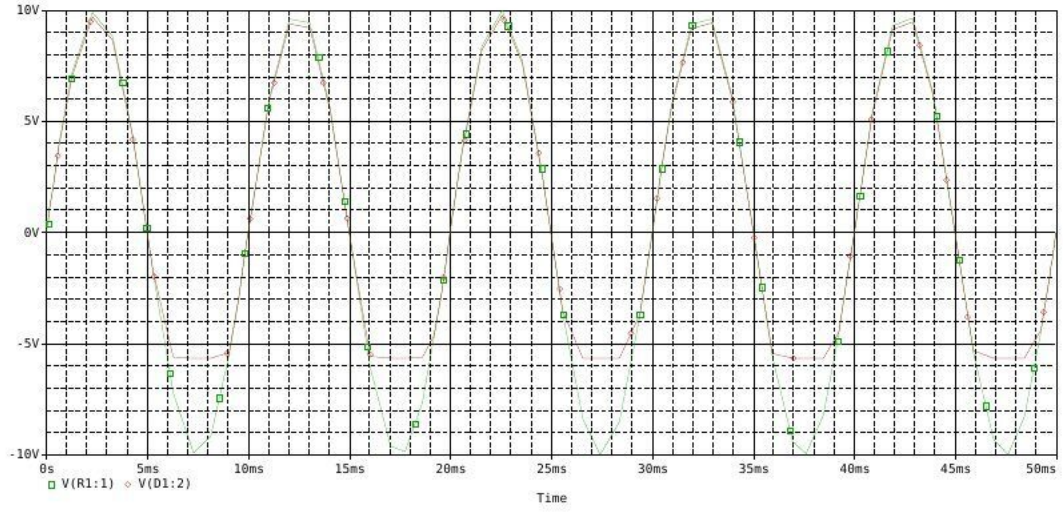
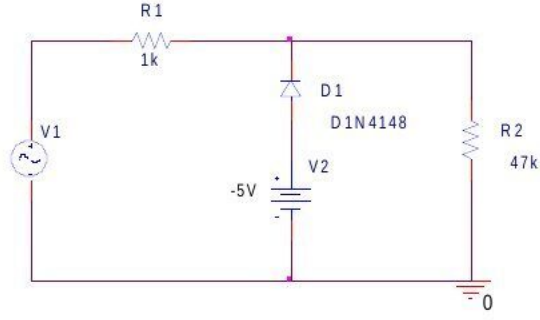


2-)

a-)

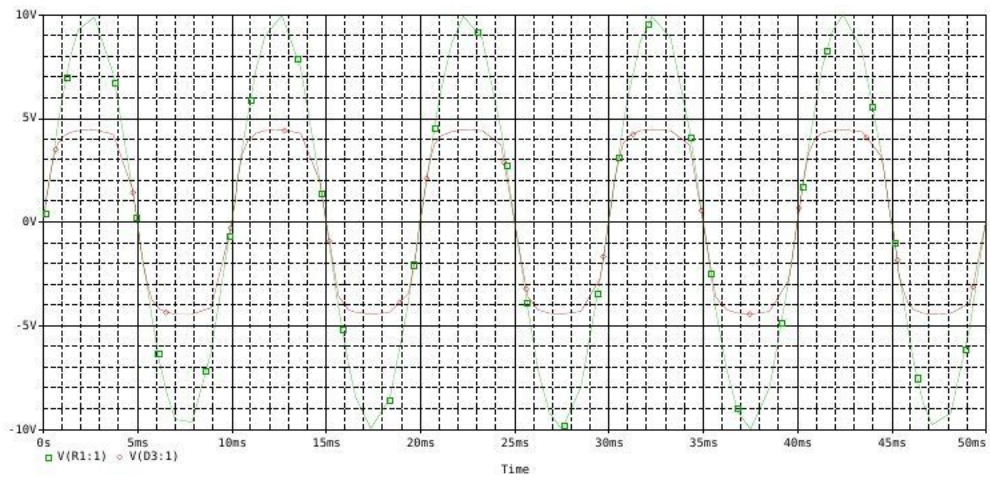
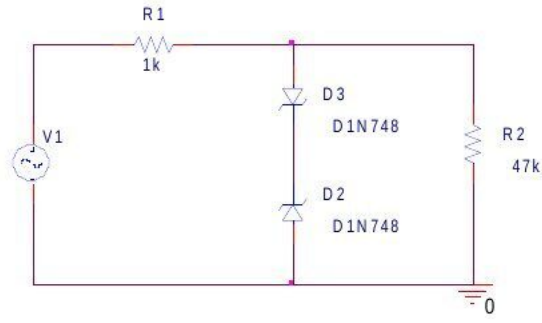


b-)

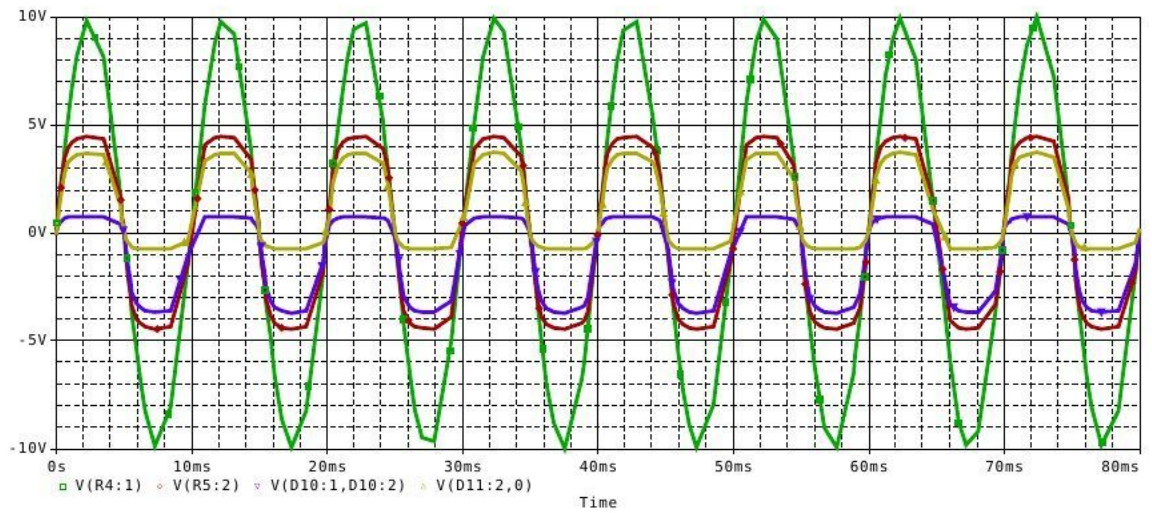


3-)

a-)

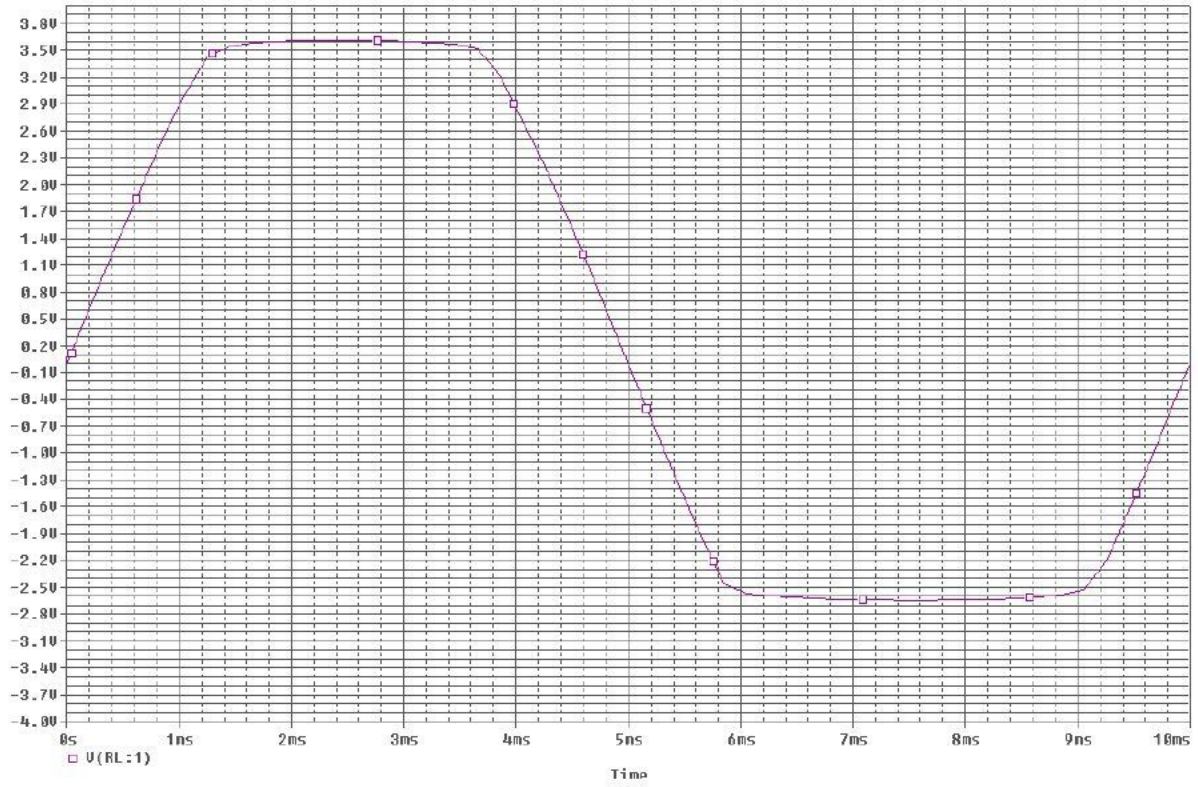
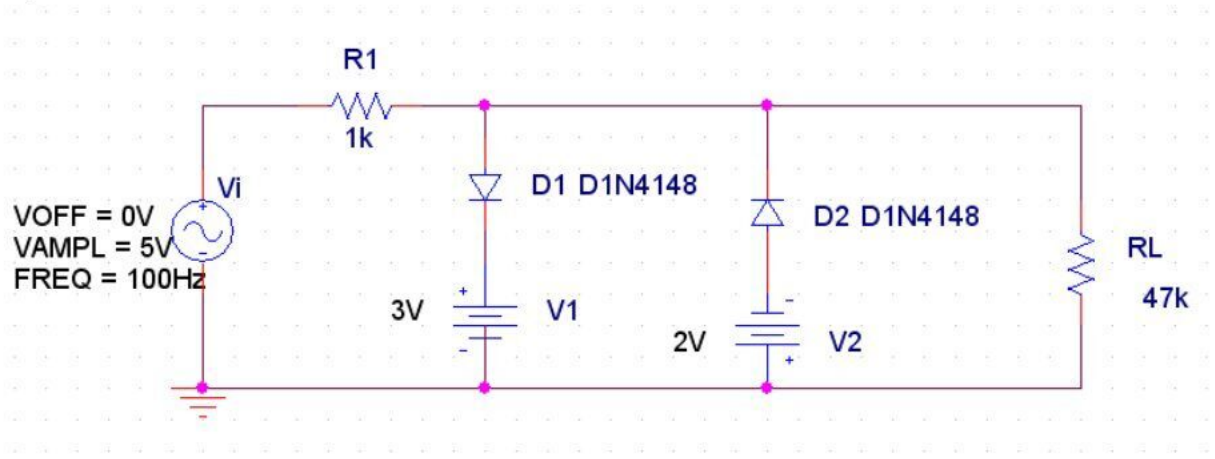


Vin, Vout ve Vzener



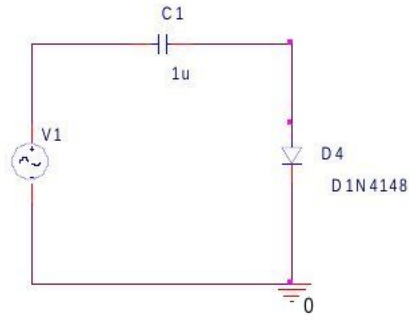
b-) Hayır değişiklik görülmedi. Tek fark diyotların yerleri oldu.

4-)



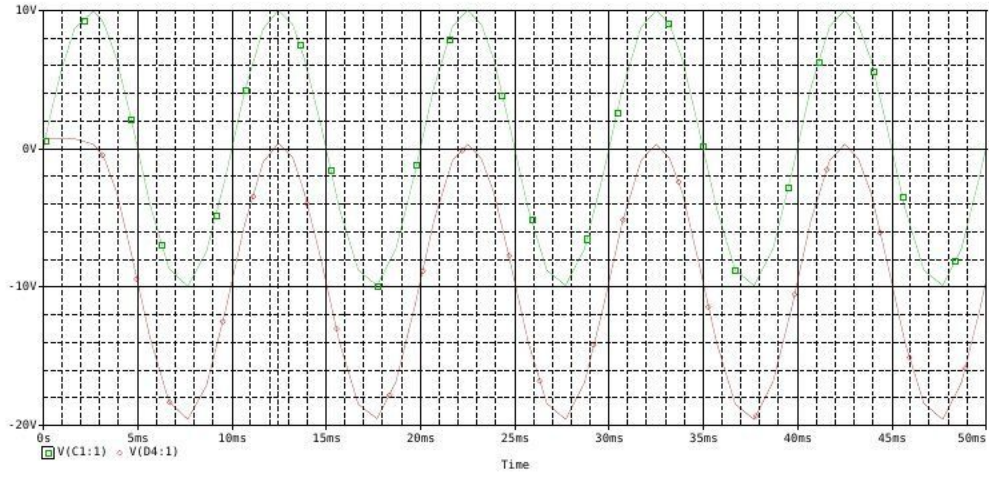
5-)

a-)

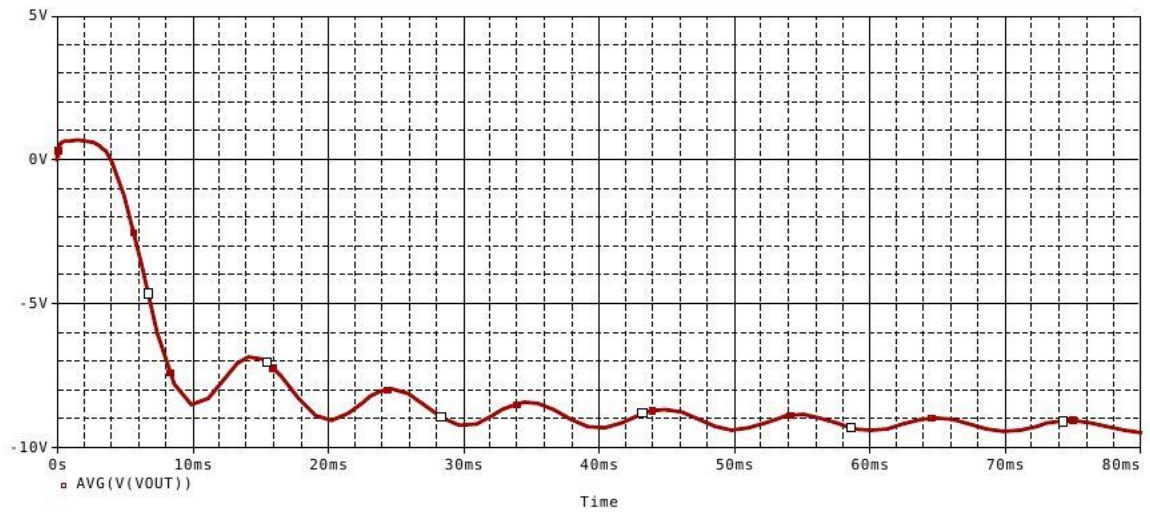


$$\int_T (-10 + v_i(t) + V_{diode}) dt = -10 + V_{diode}$$

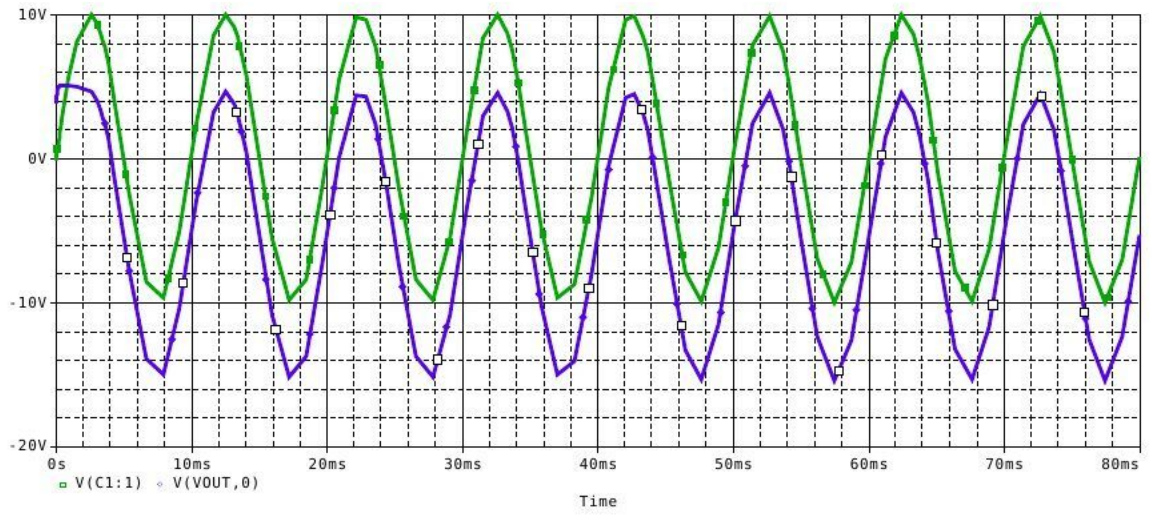
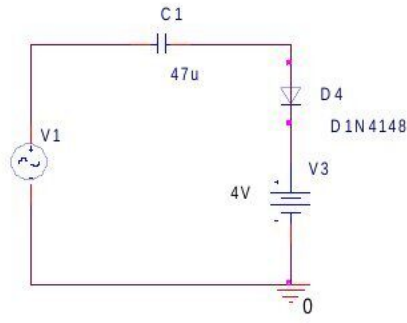
$$-V_p + V_{diode} = -10 + 0.7 = -9.3 \text{ V ve } 0 \text{ V}$$



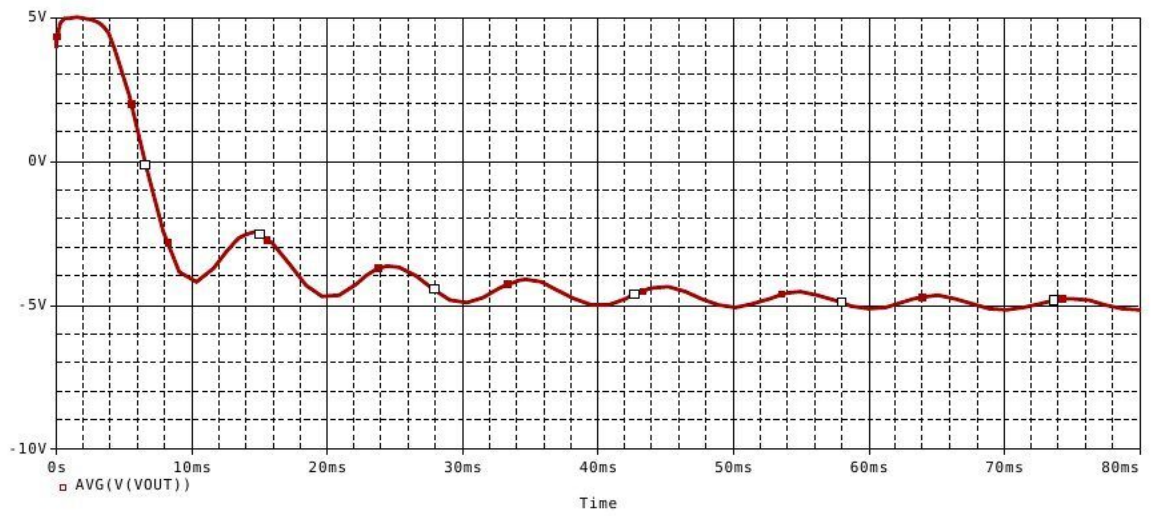
DC(average)



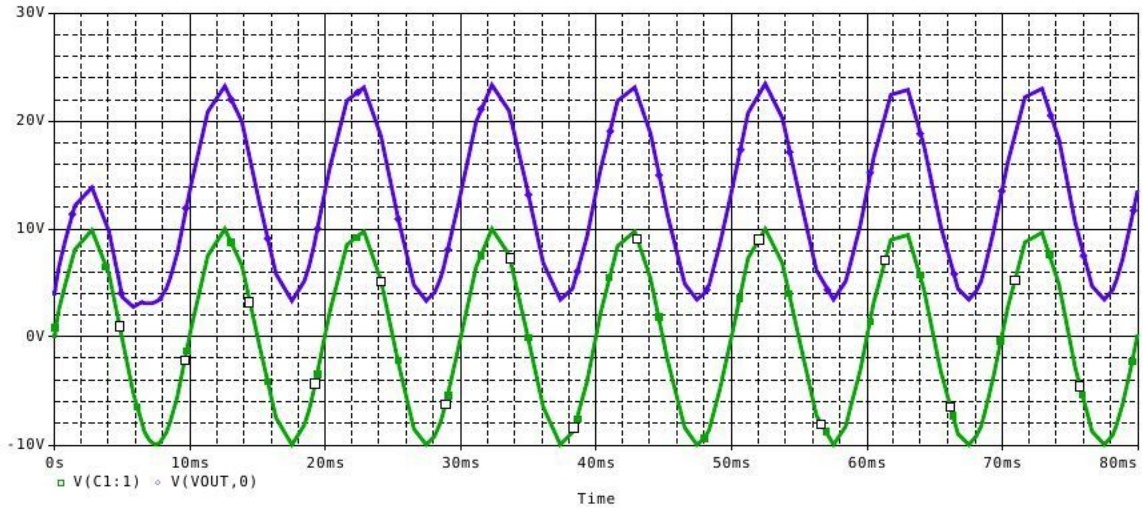
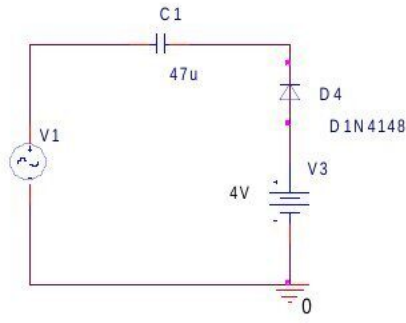
b-)



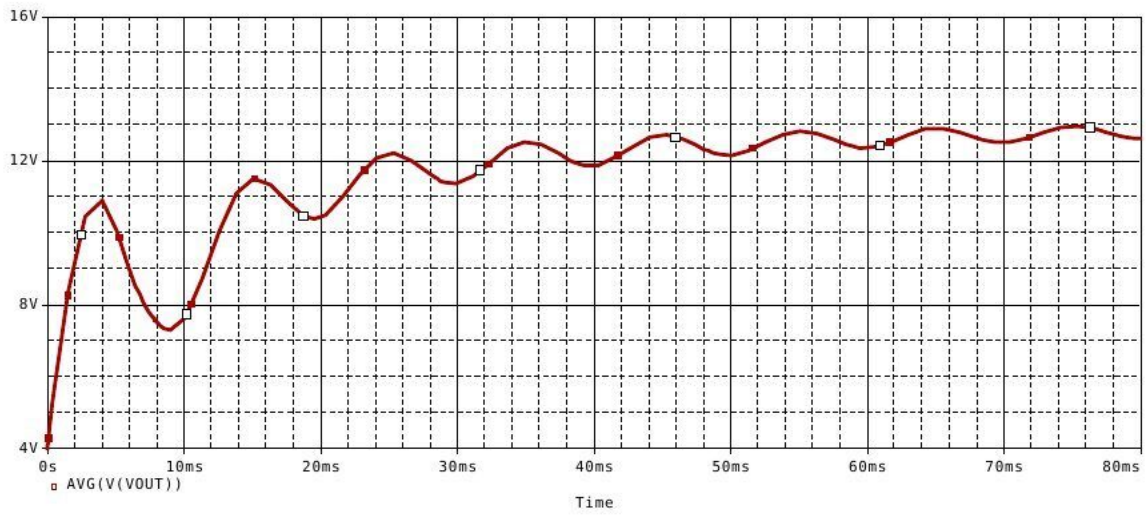
DC(average)



c-)



DC(average)



6-)

