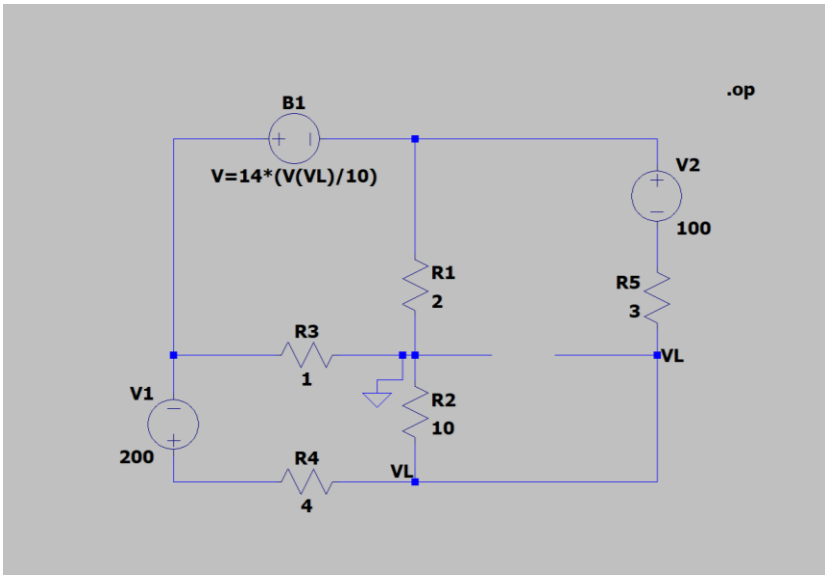
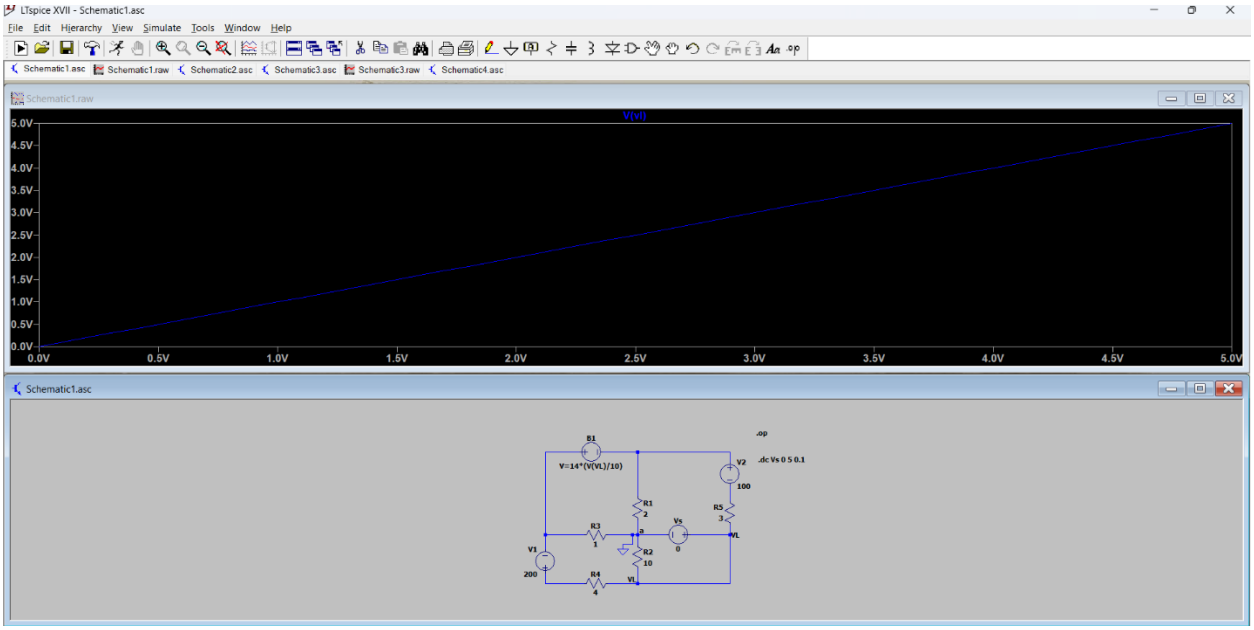
Drawing Given circuit on LTspice:



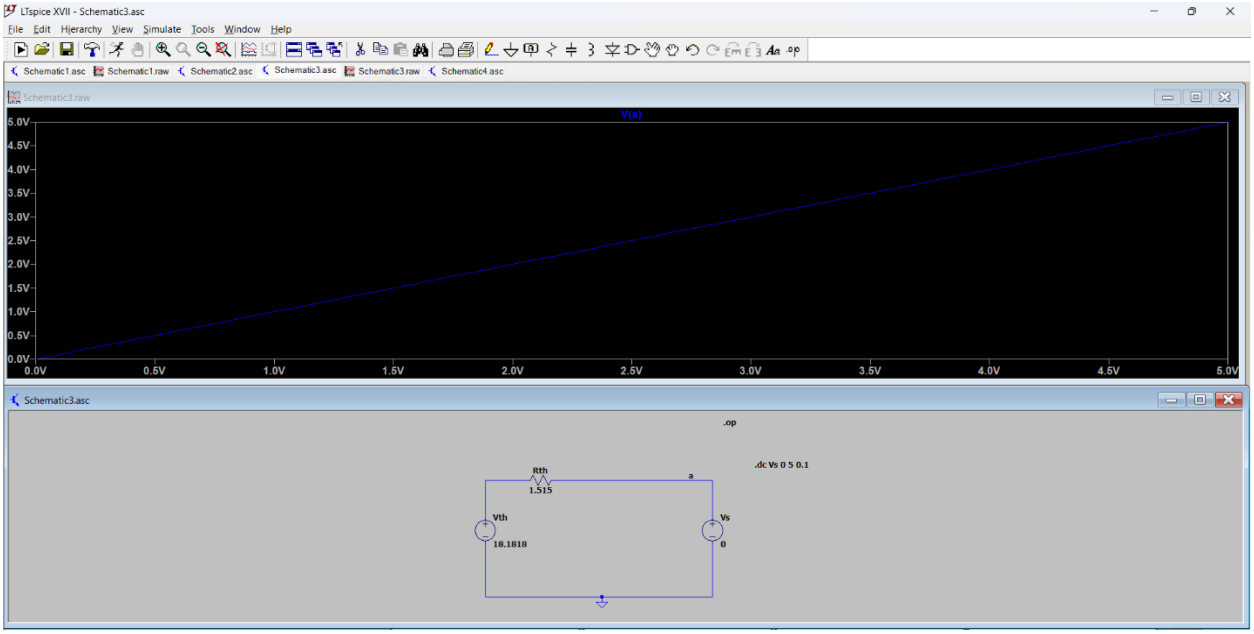
I-V characteristic of the given circuit:



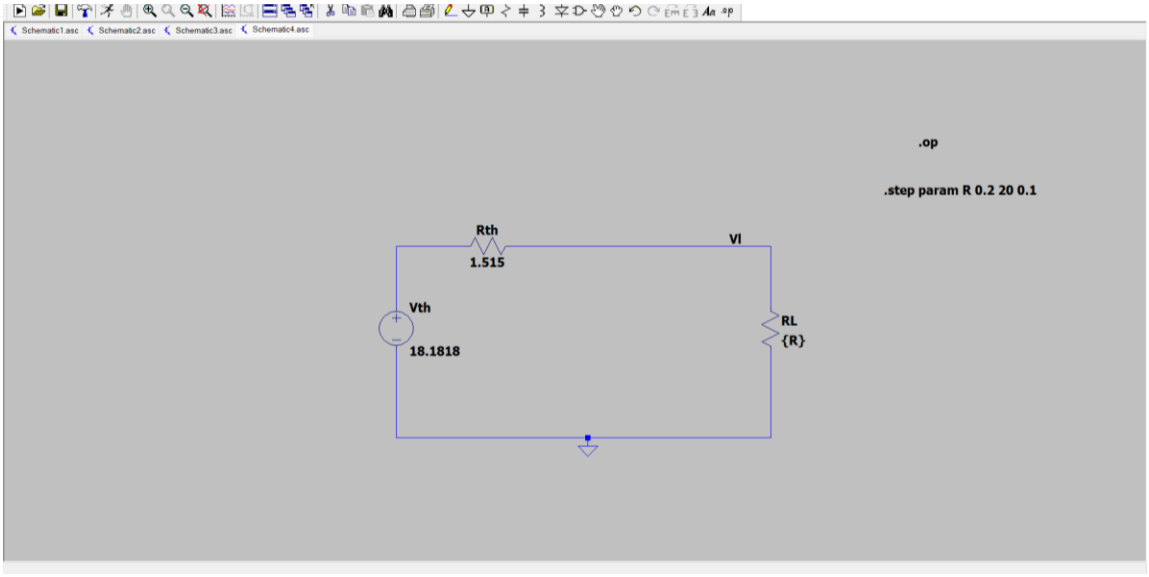
Vth = 18.1818V

Rth = 1.515 ohm

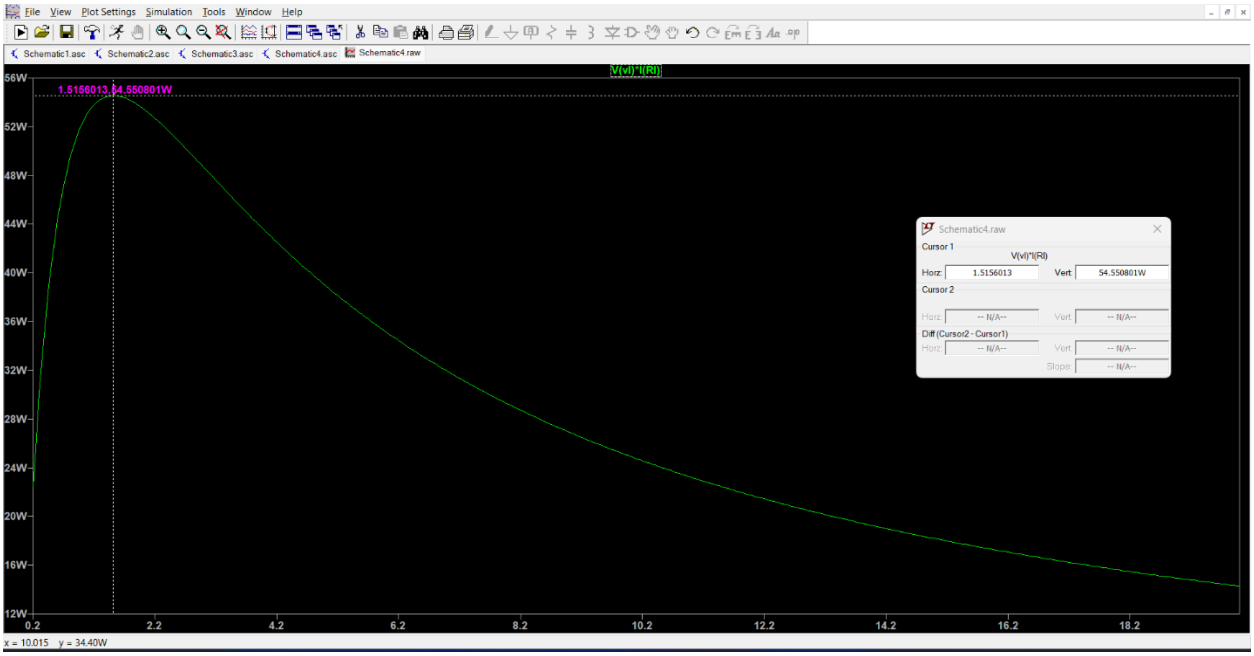
I-V characteristic of the Thevenin's equivalent circuit:



Thevenin's equivalent circuit:



Maximum power transfer theorem using LTspice:



Vth = 18.1818V

Rth = 1.515 ohm

Pmax = (Vth)*(Vth)/ (4*Rth)

= 18.1818 * 18.1818/(4*1.515)

= 54.55W