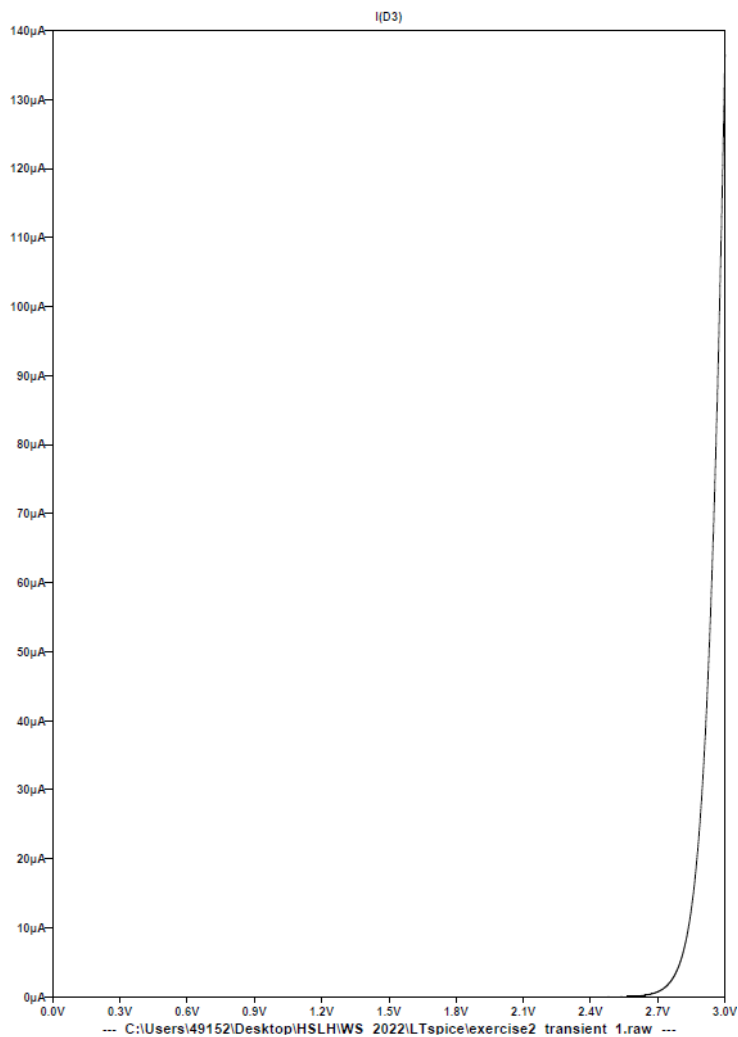
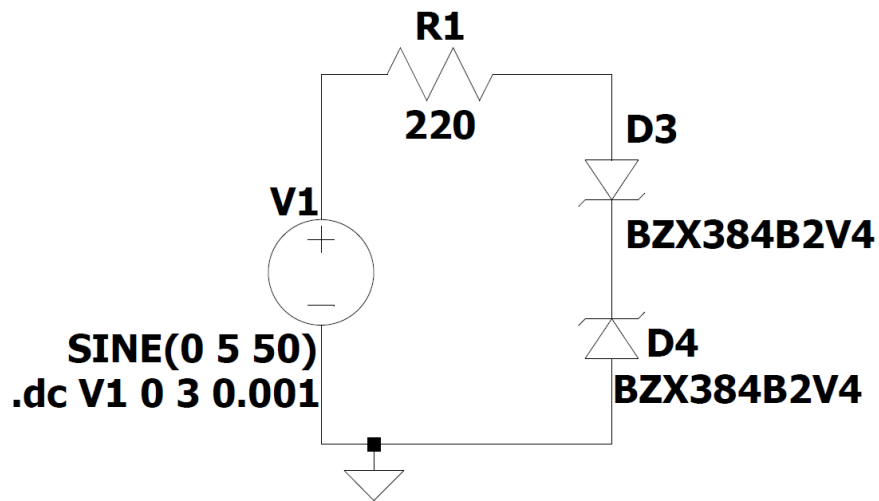
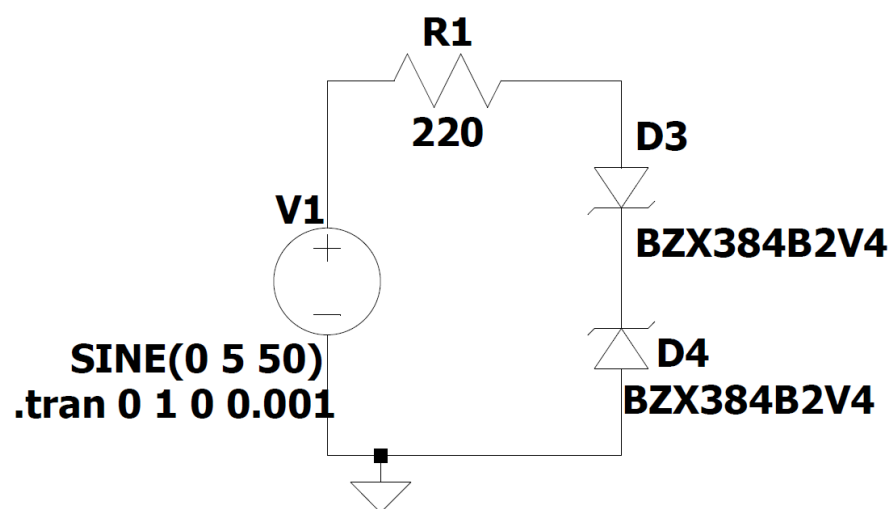
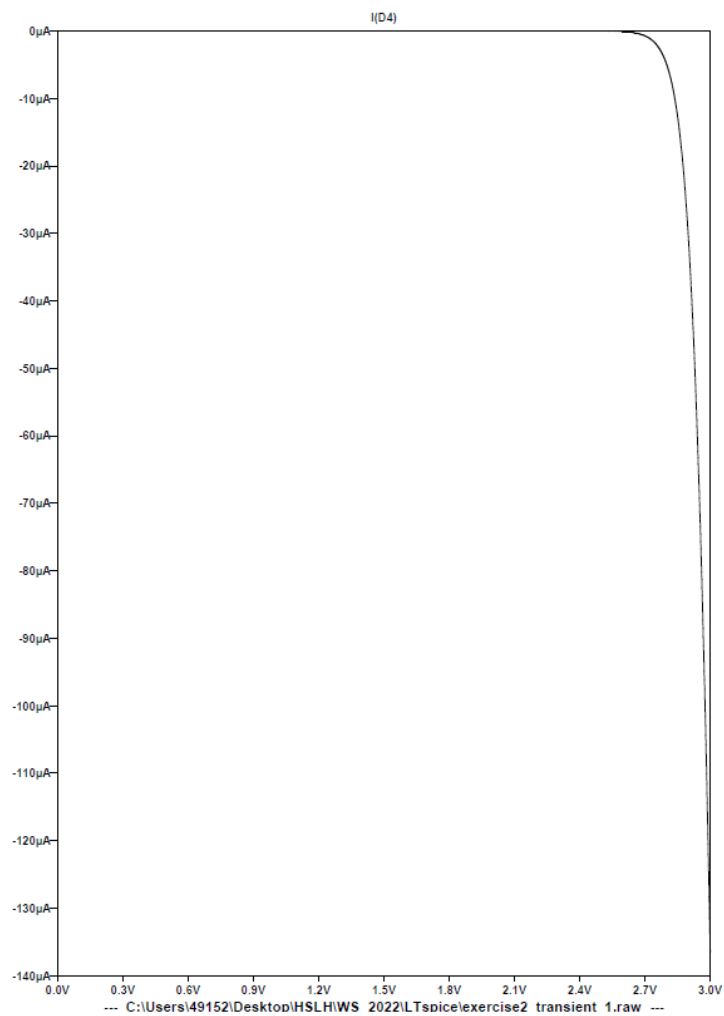


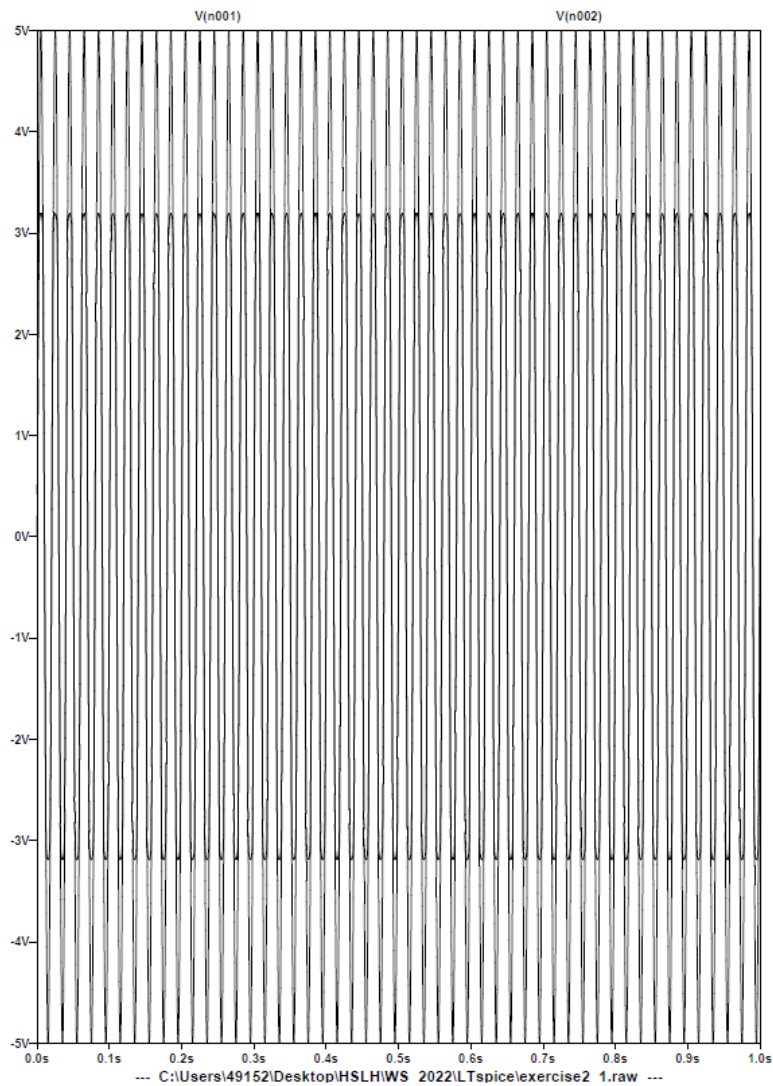
ASSIGNMENT 03: - LTSpice Simulation



D3- At 2.4V, current start to increase rapidly.

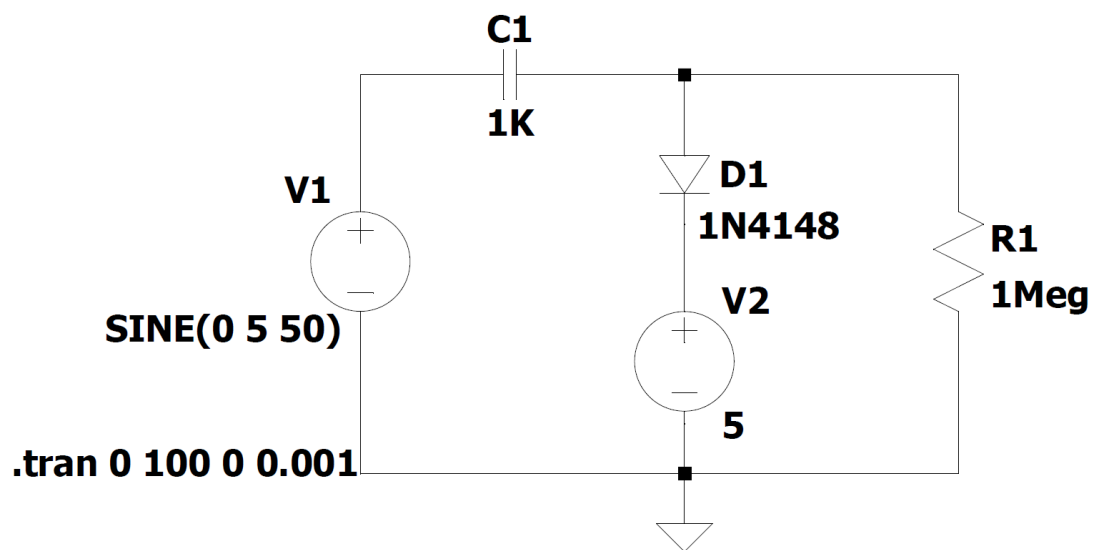
D4- At 2.4V, current starts to decrease rapidly.

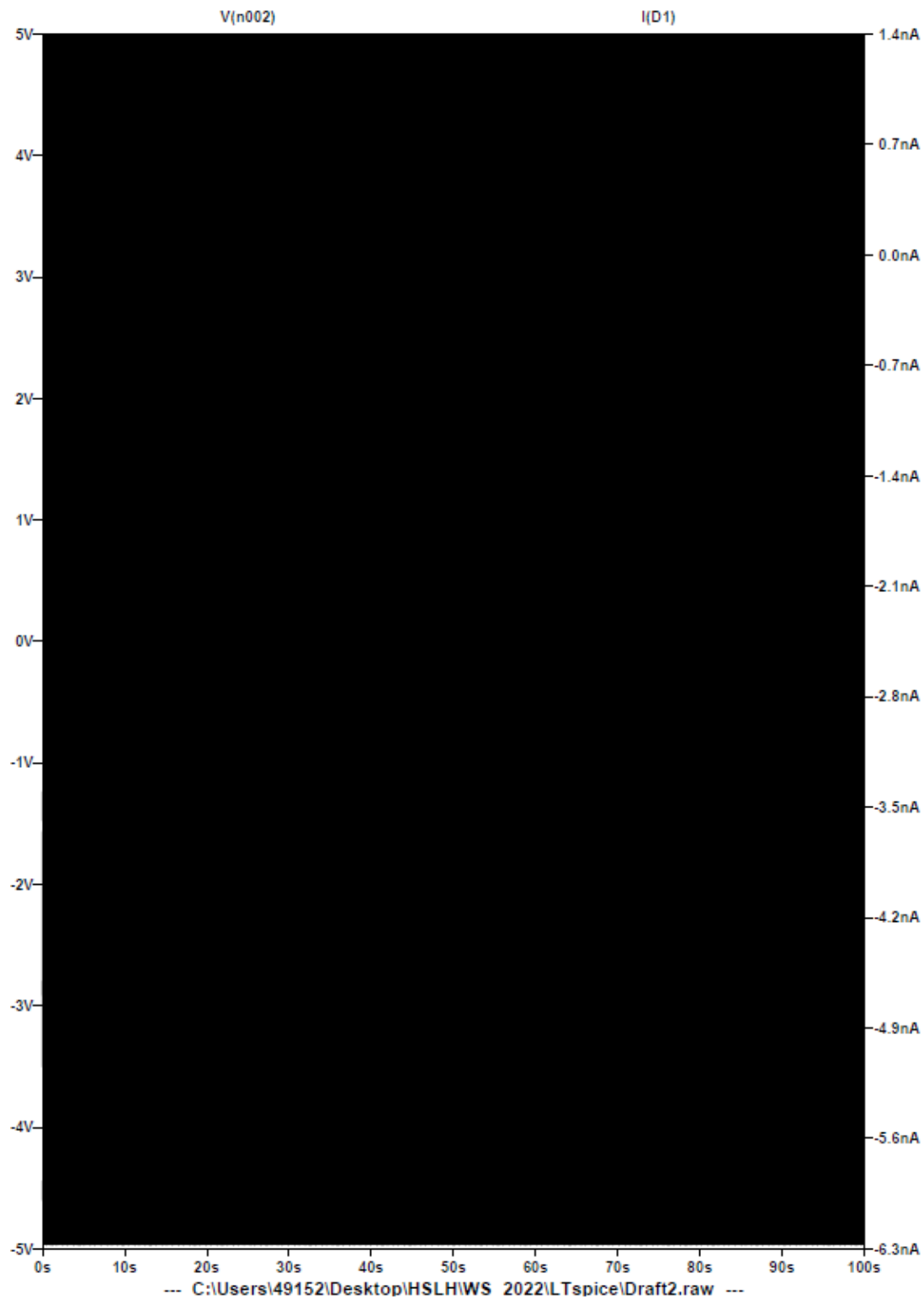




The greater the resistance, the lesser the voltage in the diode. For a 220Ω resistor, the voltage varies from approximately 3V to -3V.

2.





The capacitor and resistor has a voltage of -5V to 5V and current of -5 μ A to 5 μ A.

The diode has a voltage of -5V to 5V and current of 1.4nA to -6.3nA while V2 maintain a constant voltage of 5V.