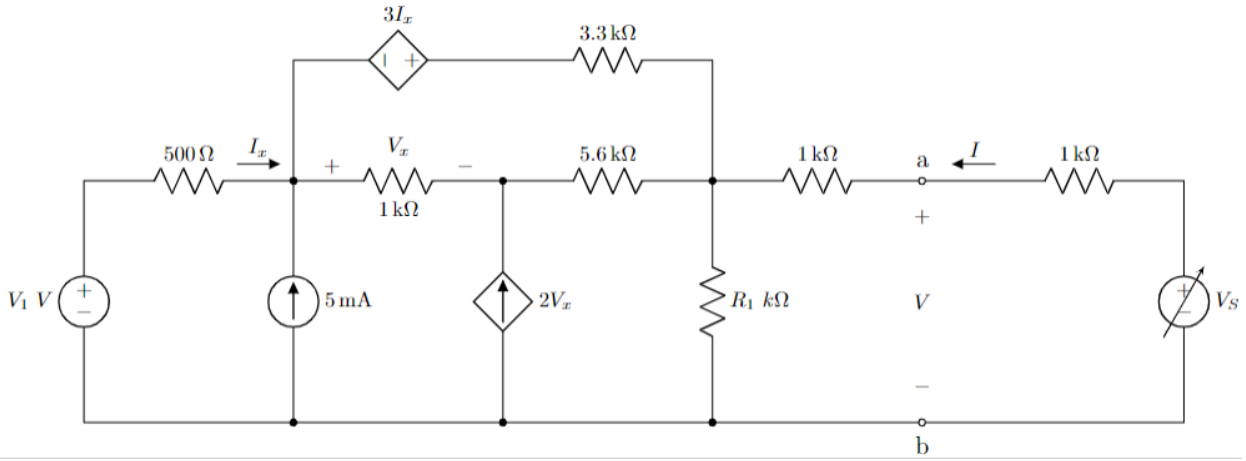
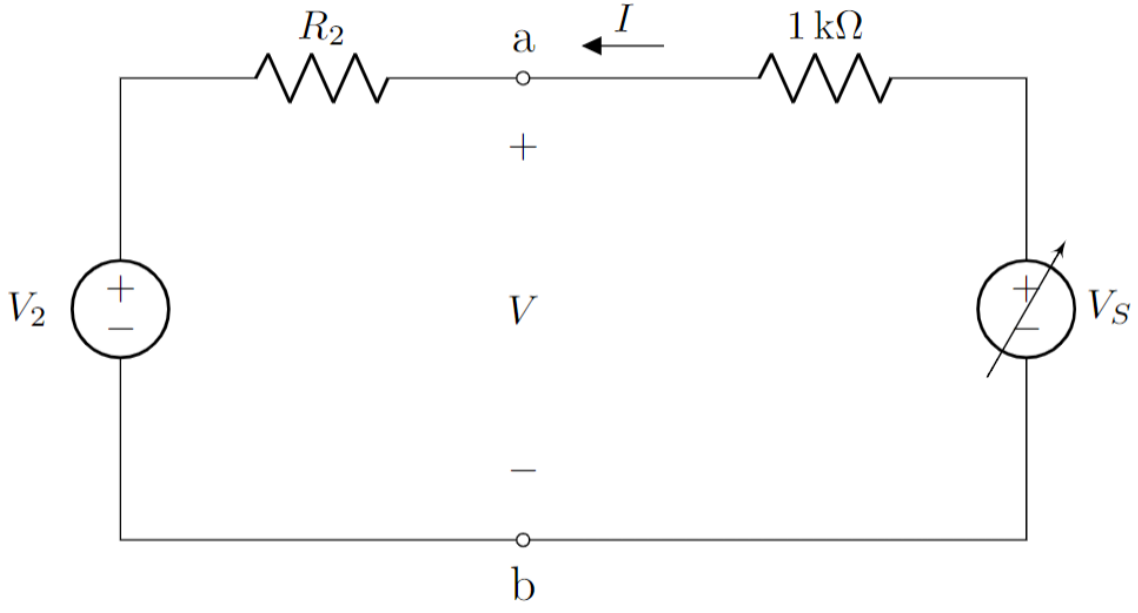
1. Draw The following circuit in LTspice and plot the I-V characteristic curve. **Save the .asc file and the .plt file. You will need to submit them in the Google form.**



Here, V_1 will be the **sum of last 3 digits** of your student ID (**in V**), and R_1 will be the **sum of last 2 digits** of your student ID (**in Kilo Ohm**). For example, if your ID is 12345678, then V_1 will be (6+7+8) = 21 volts, and R_1 will be (7+8) = 15 Kilo Ohm.

2. Draw the reduced circuit in LTspice by using the information from the graph of problem 1, and plot the I-V characteristic curve. **Save the .asc file and the .plt file. You will need to submit them in the Google form**
[Hint: You can find the values of V_2 and R_2 from the plot of question 1]



3. Comment on the transfer characteristic plots of circuits in questions 1 and 2.