IE Tutorial Simulation 3 & 4

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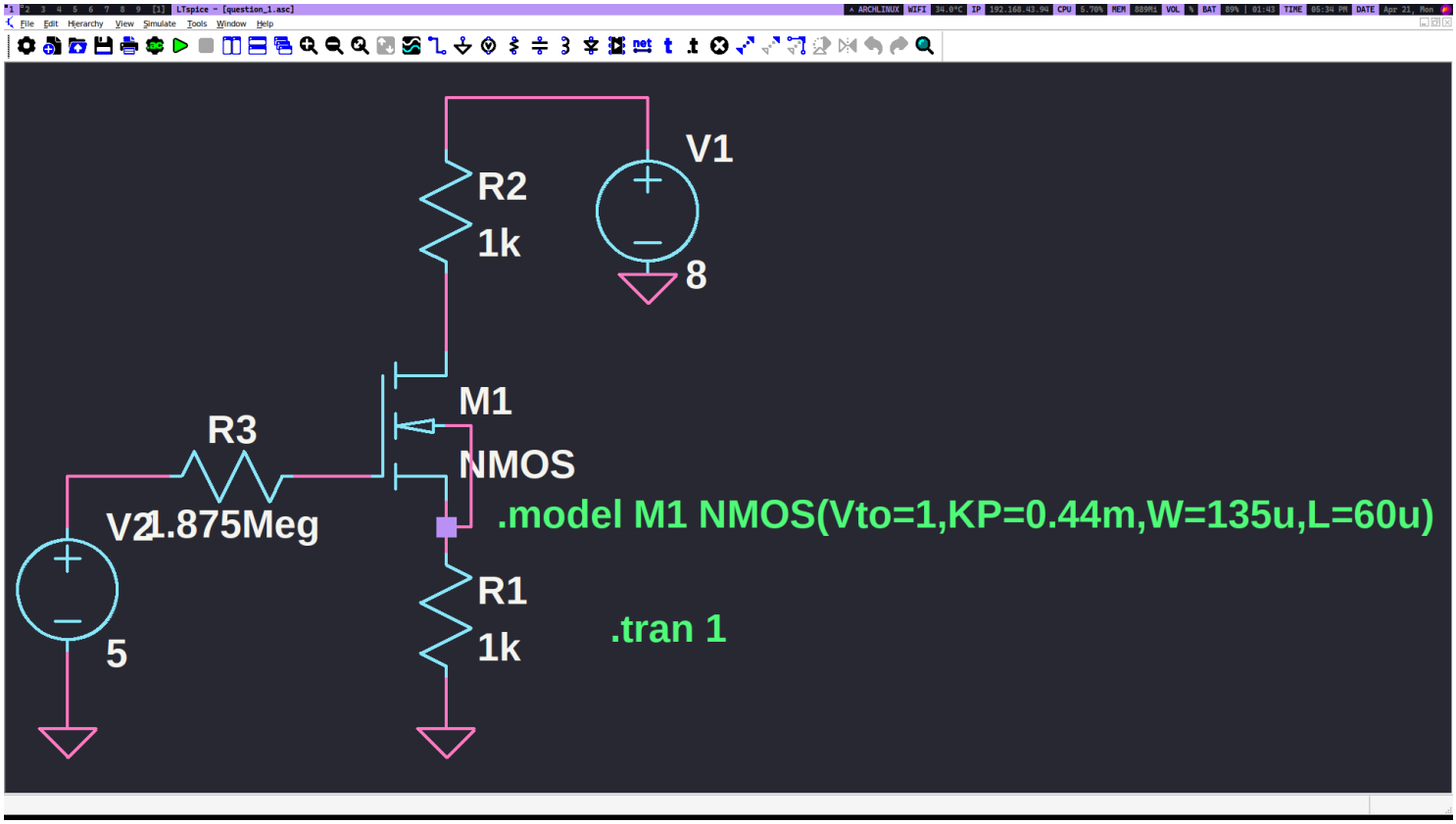
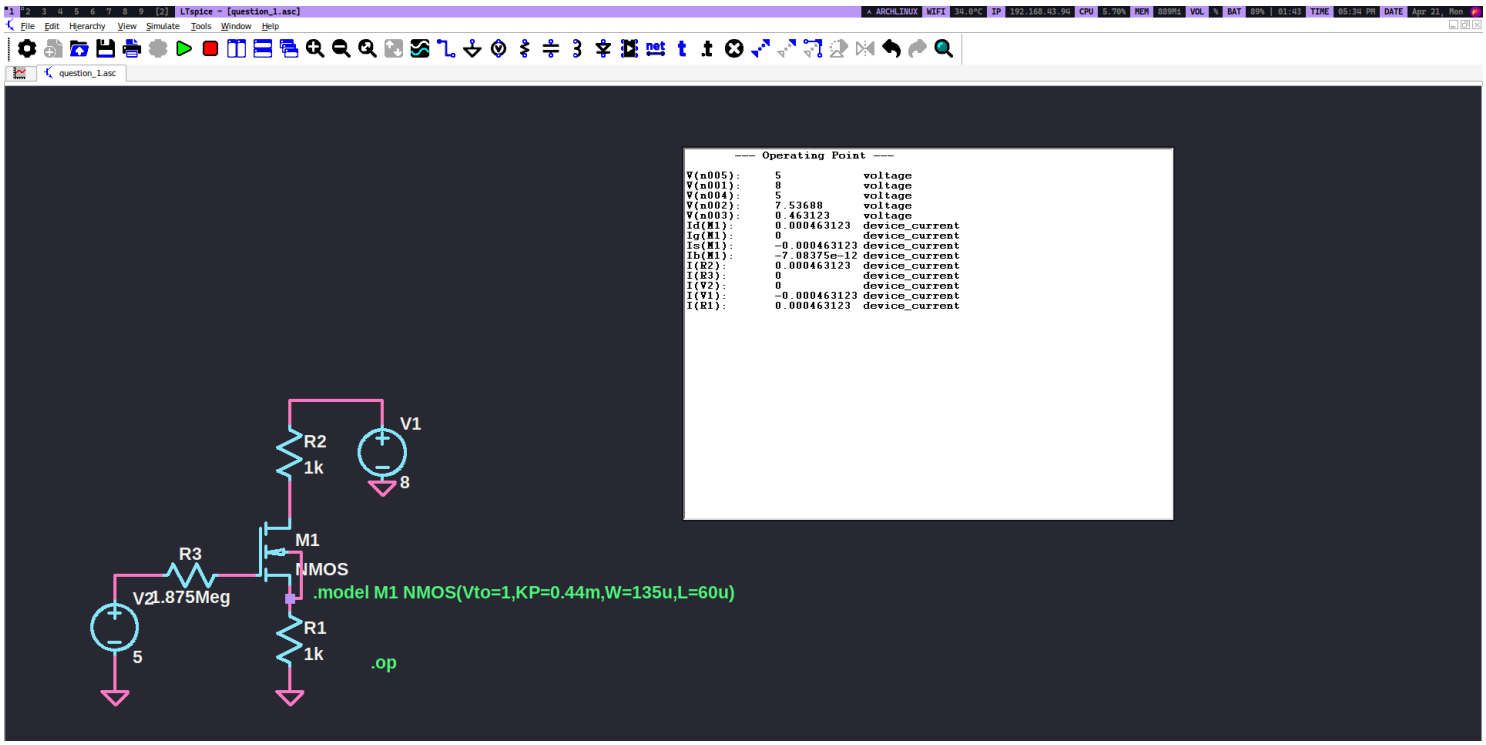
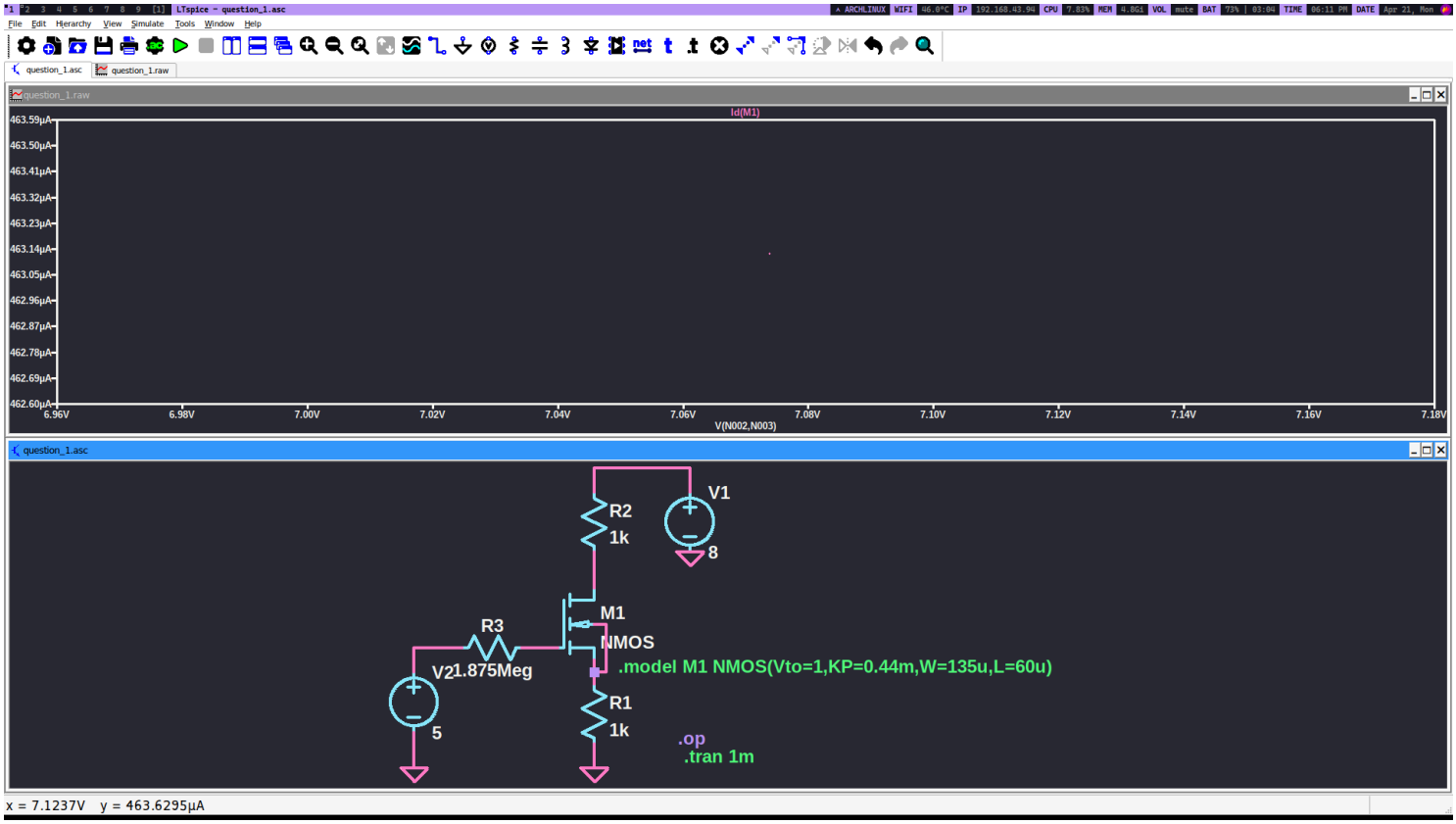
Ans 1.

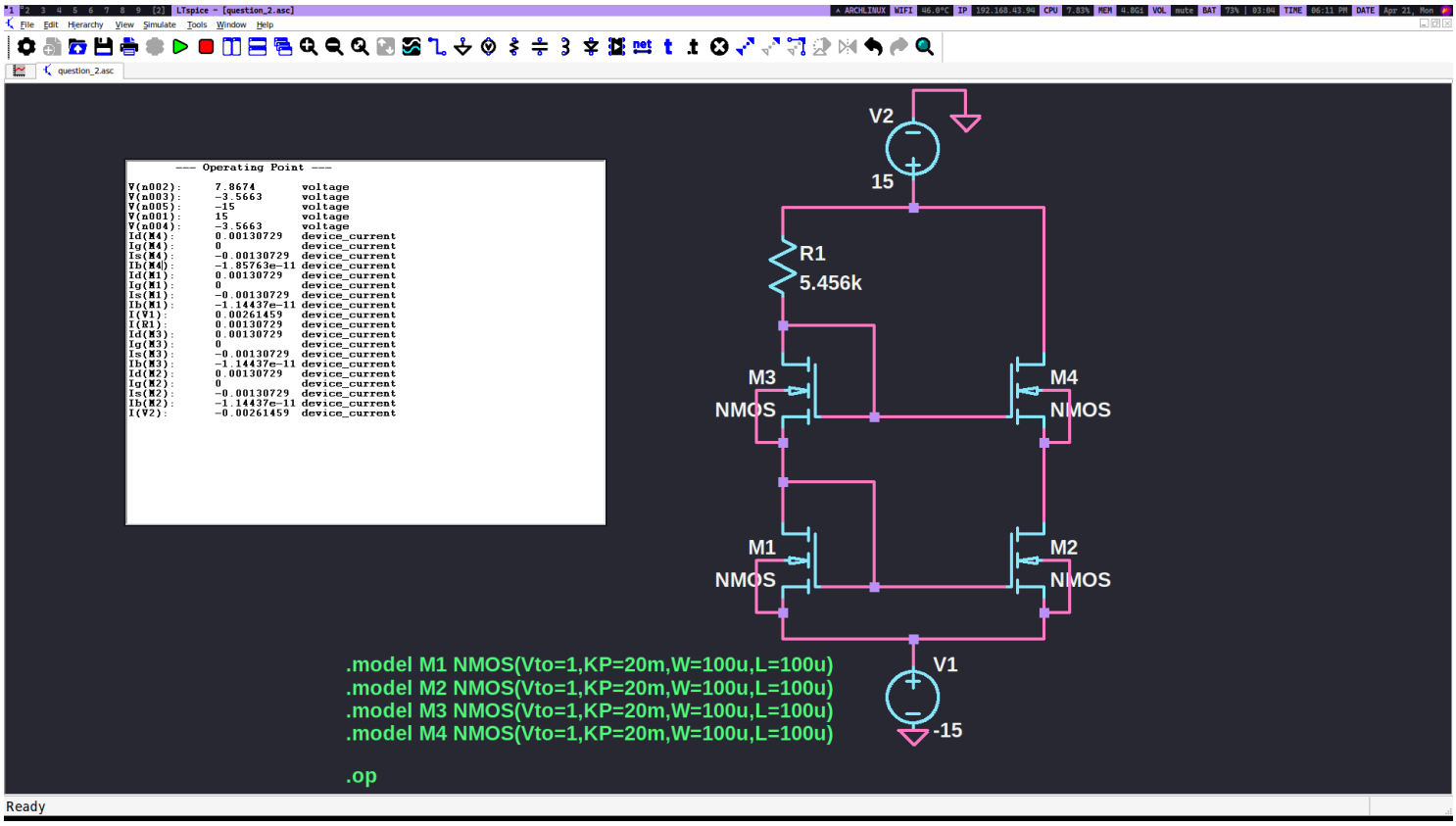






Note: I am getting a single point in the plot because in this circuit, I am getting constant I_D and V_DS

Ans 2.



NOTE: I have made the same circuit and provided the MOSFET parameters as given in the question for both the questions but still I am getting wrong values in the analysis.

My theoretical answers ->

Q1. ID = 2mA

Q2. R = 5.456k ohm