

Audit Course Session 8

AUDIT COURSE ELECTRONIC CIRCUITS 2: SIMULATION BASED STUDY

Kindly update your name and roll no, once this document is shared with you

Time slot to complete your work is **40 MINUTES**

Date: 15/2/2021

Kindly upload your schematic & waveform images here, every 10 minutes, indicating your progress and intention to completion of WORK within time slot allotted

Time slot allotted to you all for the completion of Session 8 is 40 MINUTES

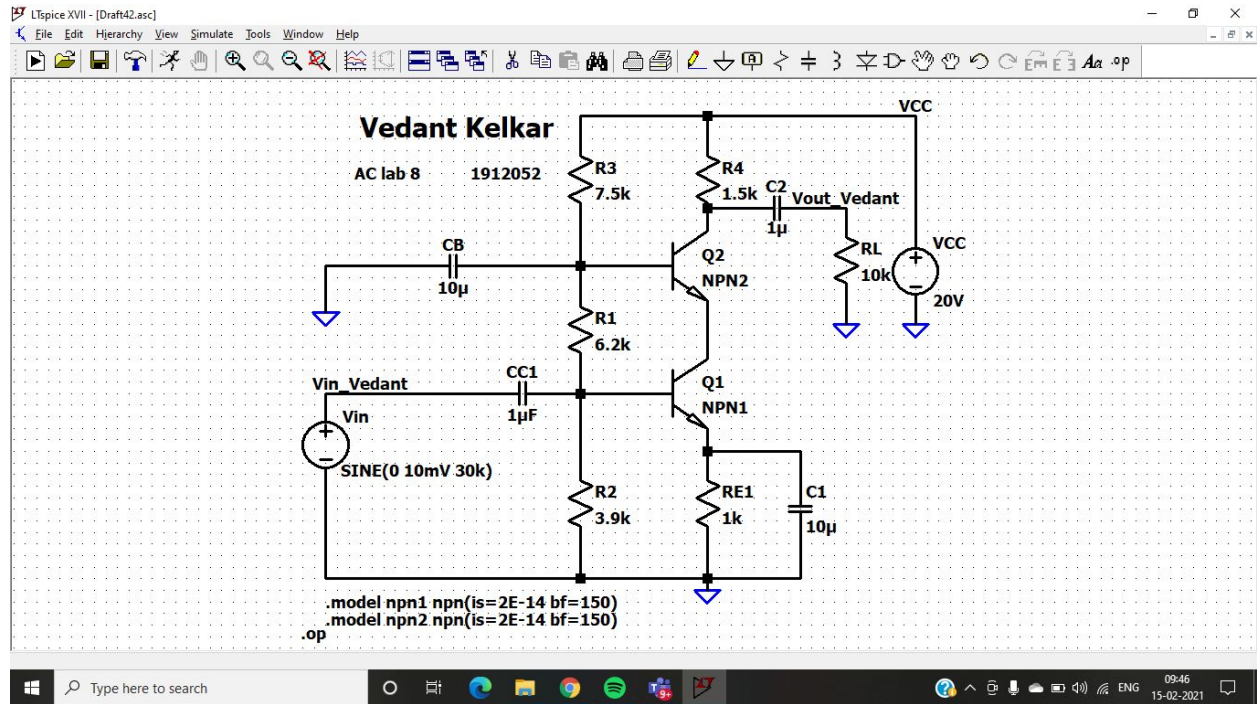
Kindly upload your work (only circuit schematic & waveform in LTSpice) in the shared google doc between this time slot only.

Follow these instruction strictly:

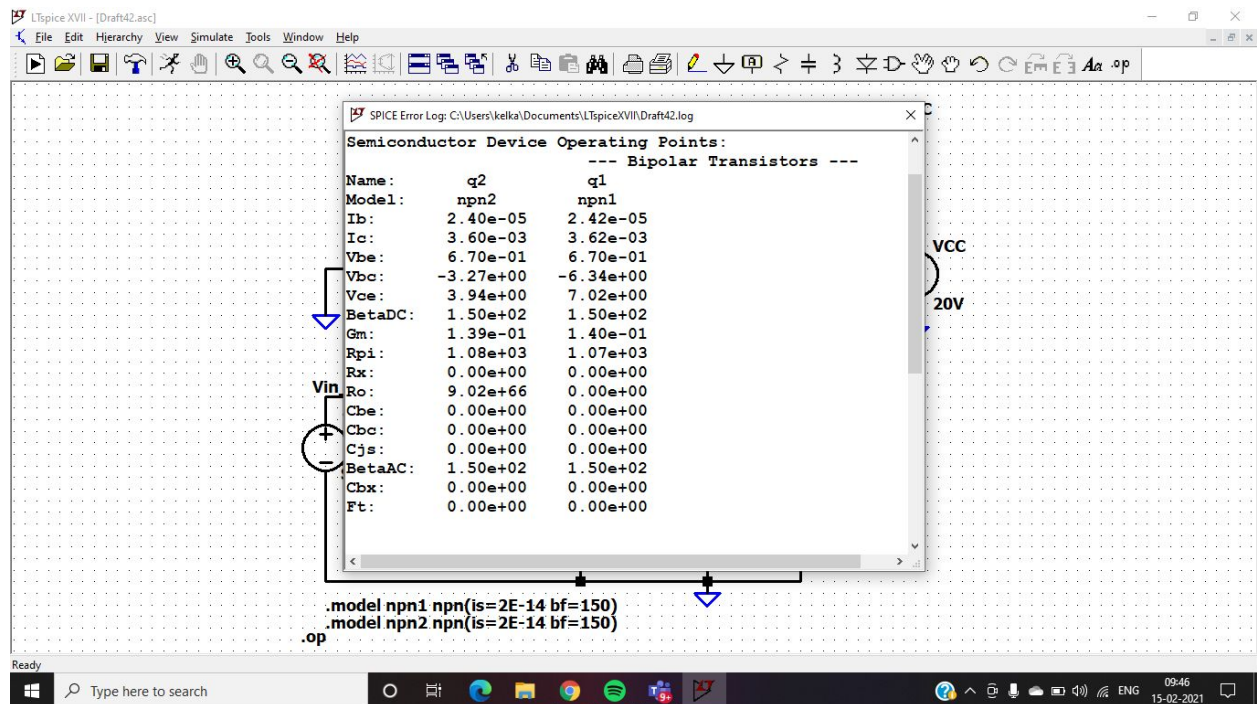
- 1, Start sharp ON TIME, by posting your name and roll no and **screenshot of your LT spice work screen (time and date MUST BE VISIBLE)**
2. Upload your work every 10 minutes, i.e LT spice work screen
3. This means you will upload LT spice work screen 4 times during this time slot.
4. Point 3 indicates your readiness and presences for completion of Session 8

You are entitled for 10 points per session only if you follow above instruction to the details

STUDENTS WORK AREA STARTS HERE

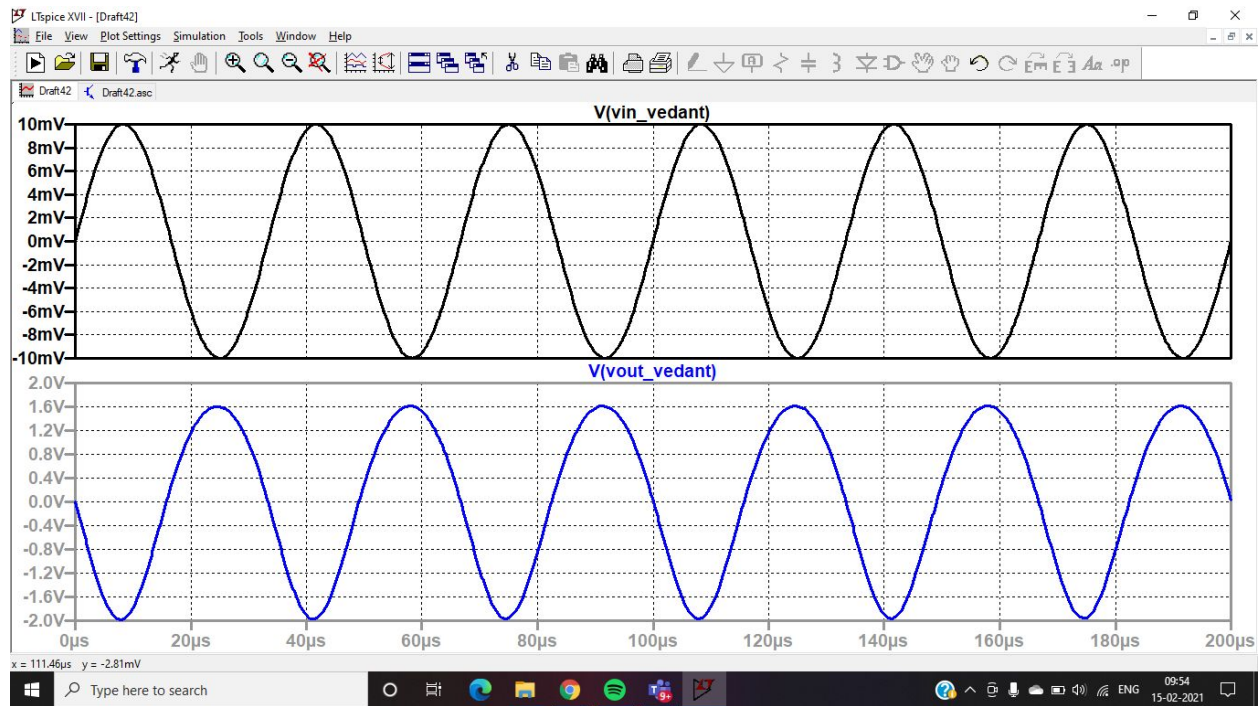


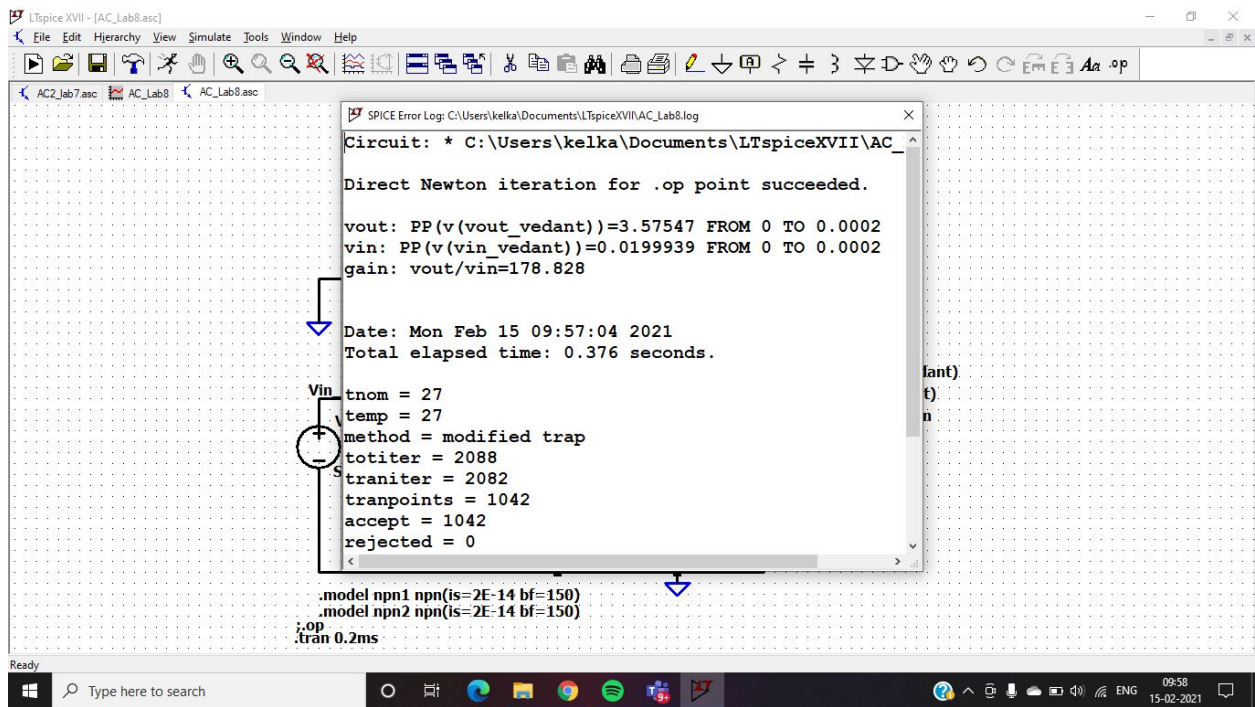
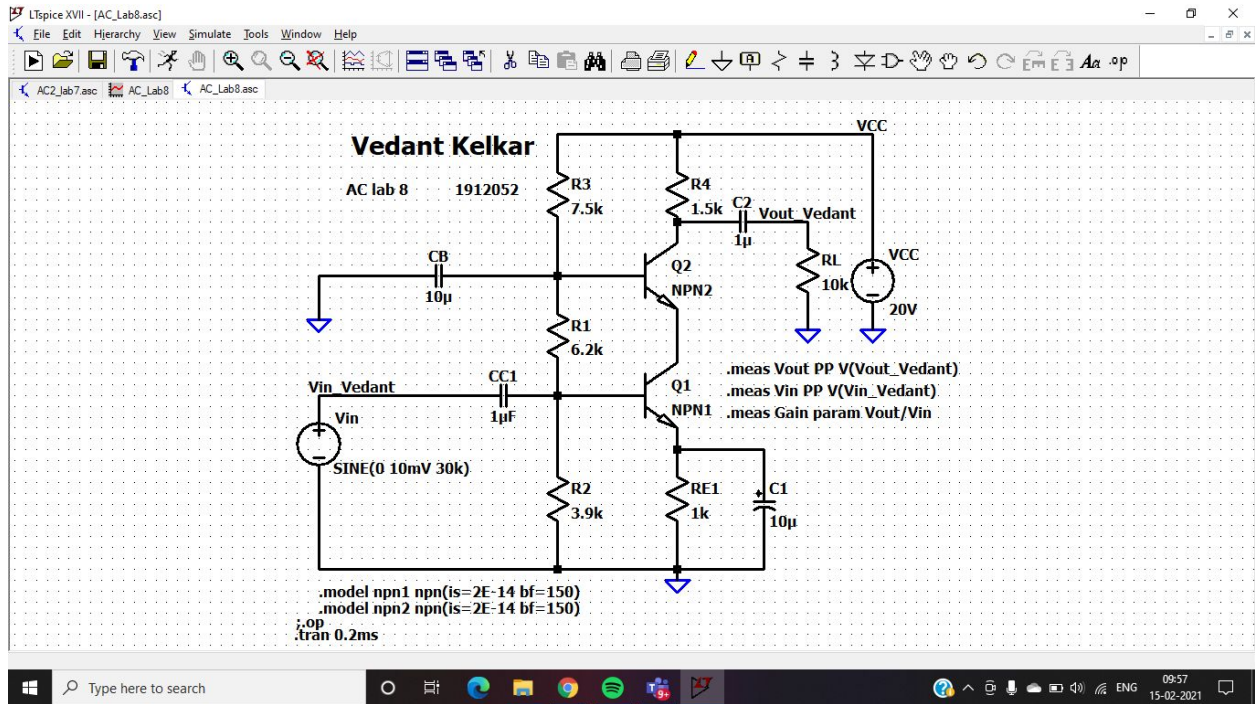
DC



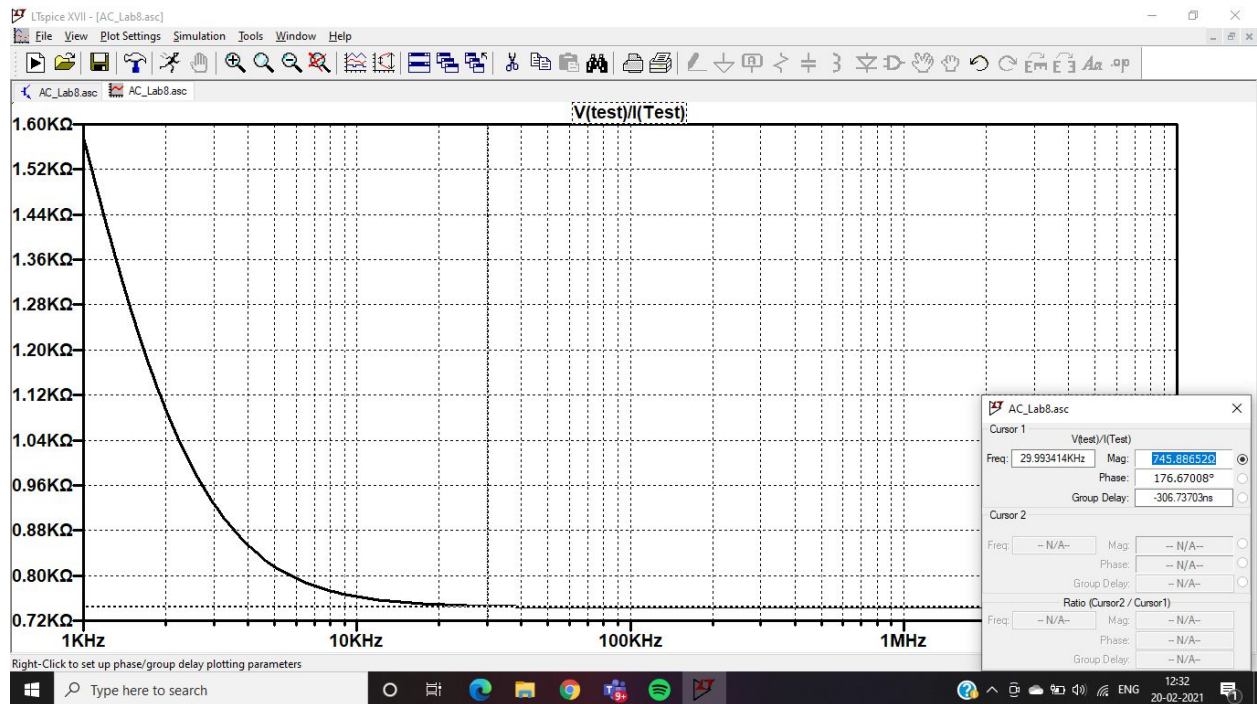
Ib	2.40e-05	2.42e-05
Ic	3.60e-03	3.62e-03
Vbe	6.70e-01	6.70e-01
Vbc	-3.27e+00	-6.34e+00
Vce	3.94e+00	7.02e+00
Beta DC	1.50e-02	1.50e-02
Gm	1.39e-01	1.40e-01
Rpi	1.08e-03	1.07e-03
Rx	0	0
Ro	9.02e+66	0

AC



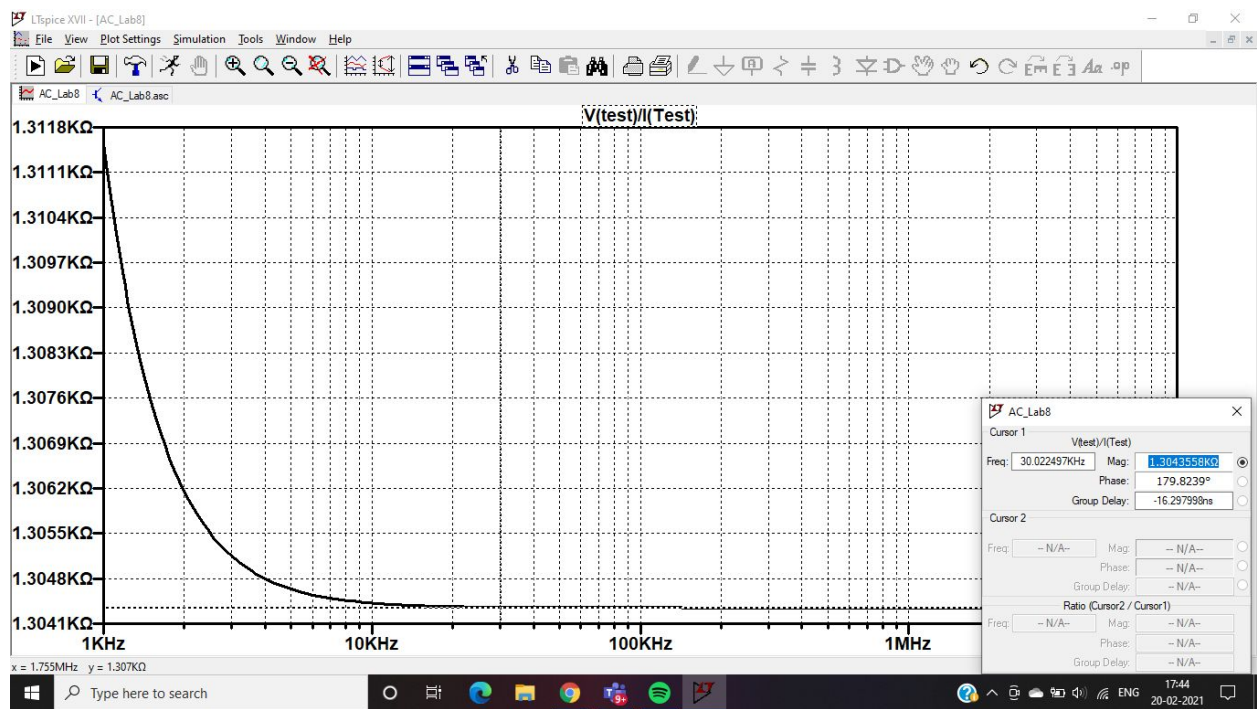


Zin



745.88652Ohm

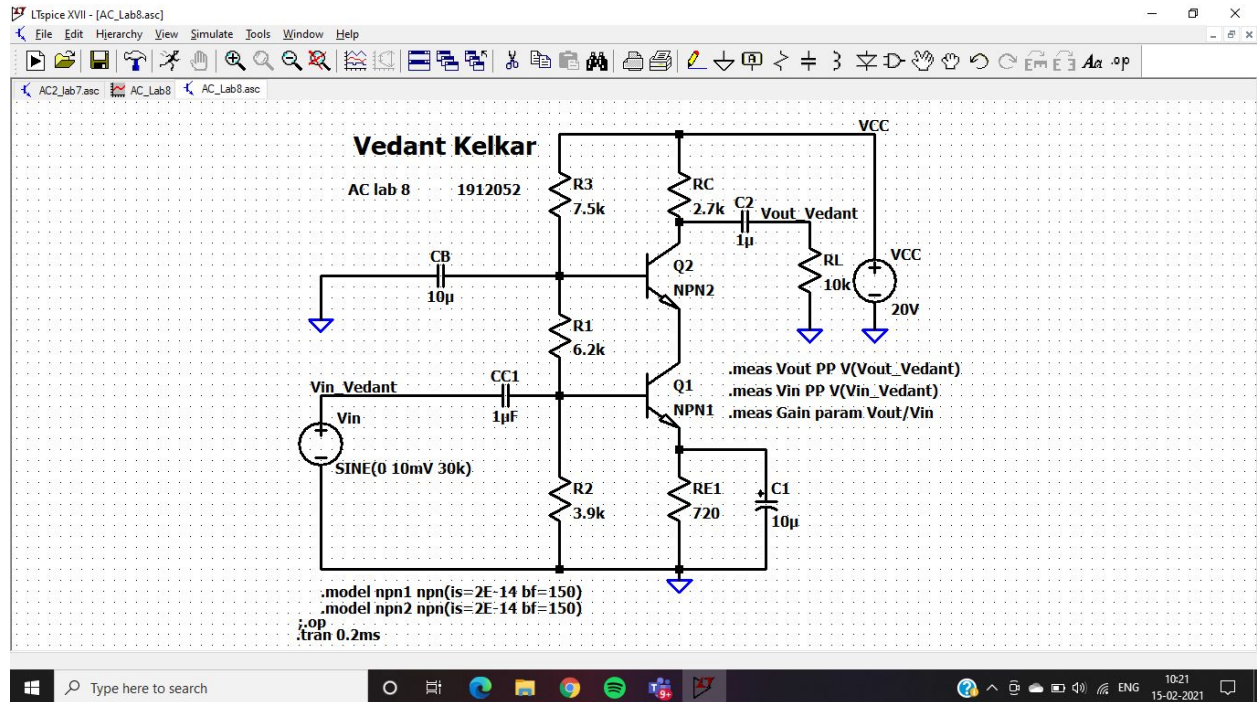
Zout



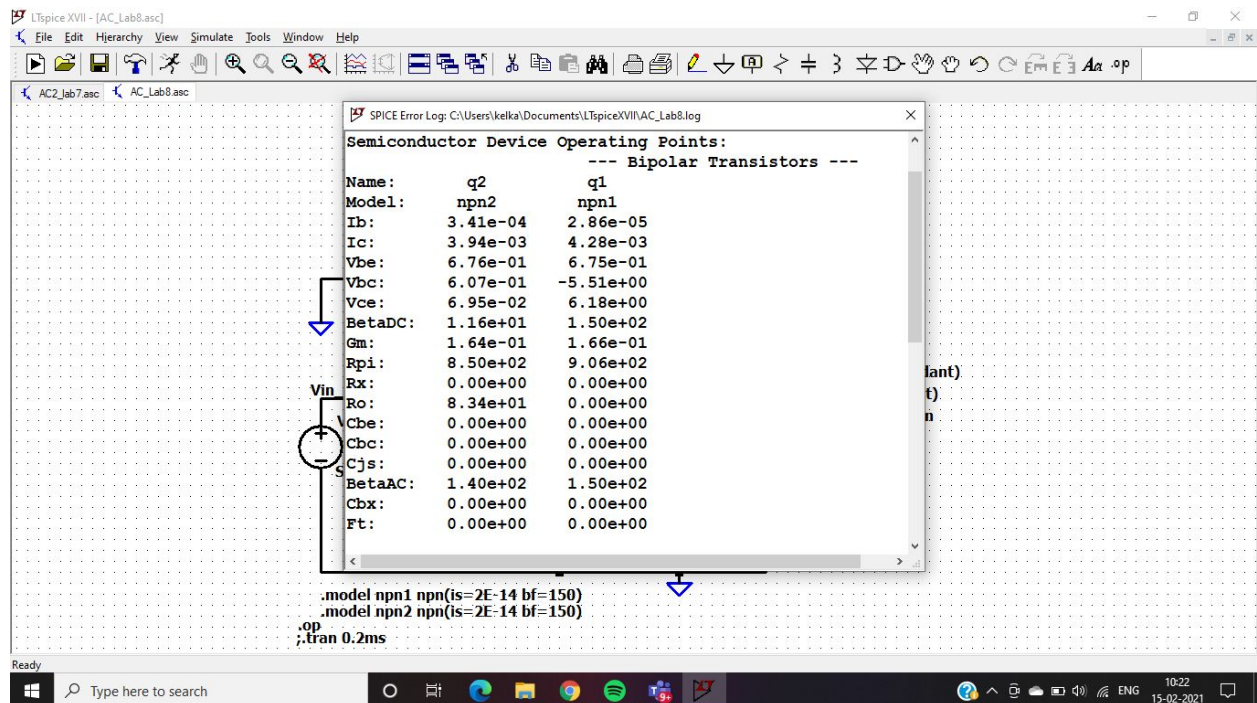
1.3043558KOhm

Zin	Zout
745.88652Ohm	1.3043558KOhm

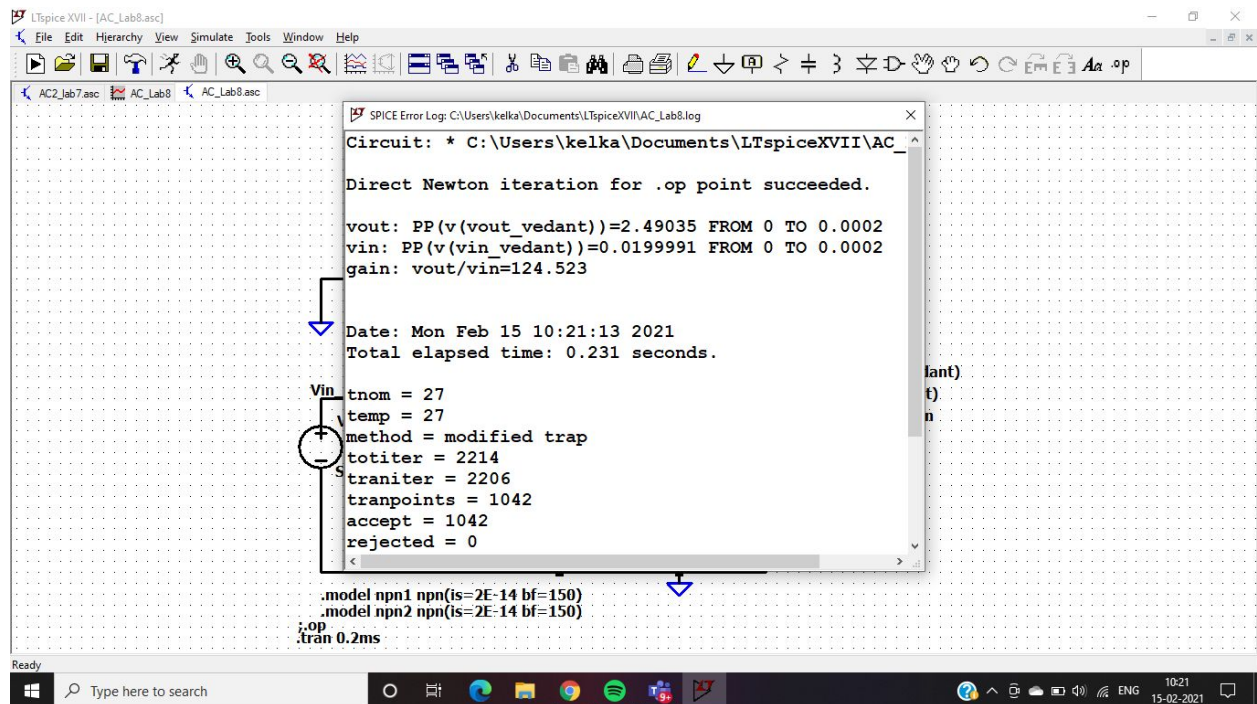
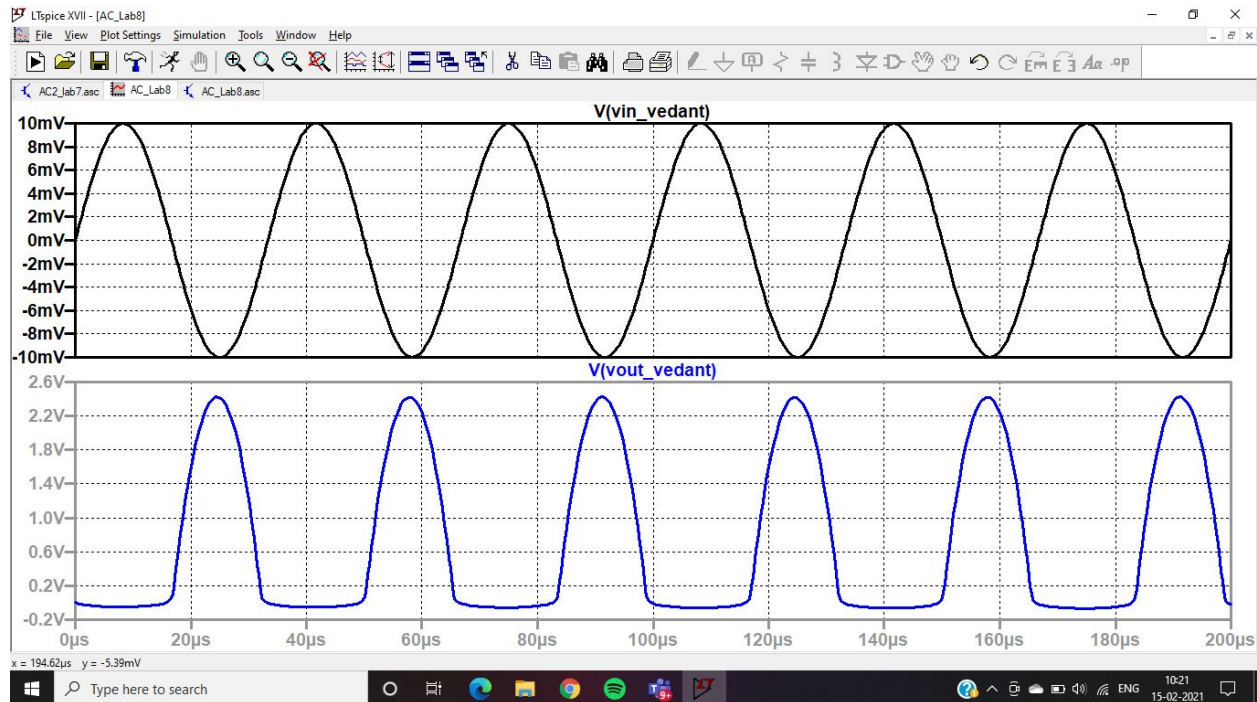
EX2



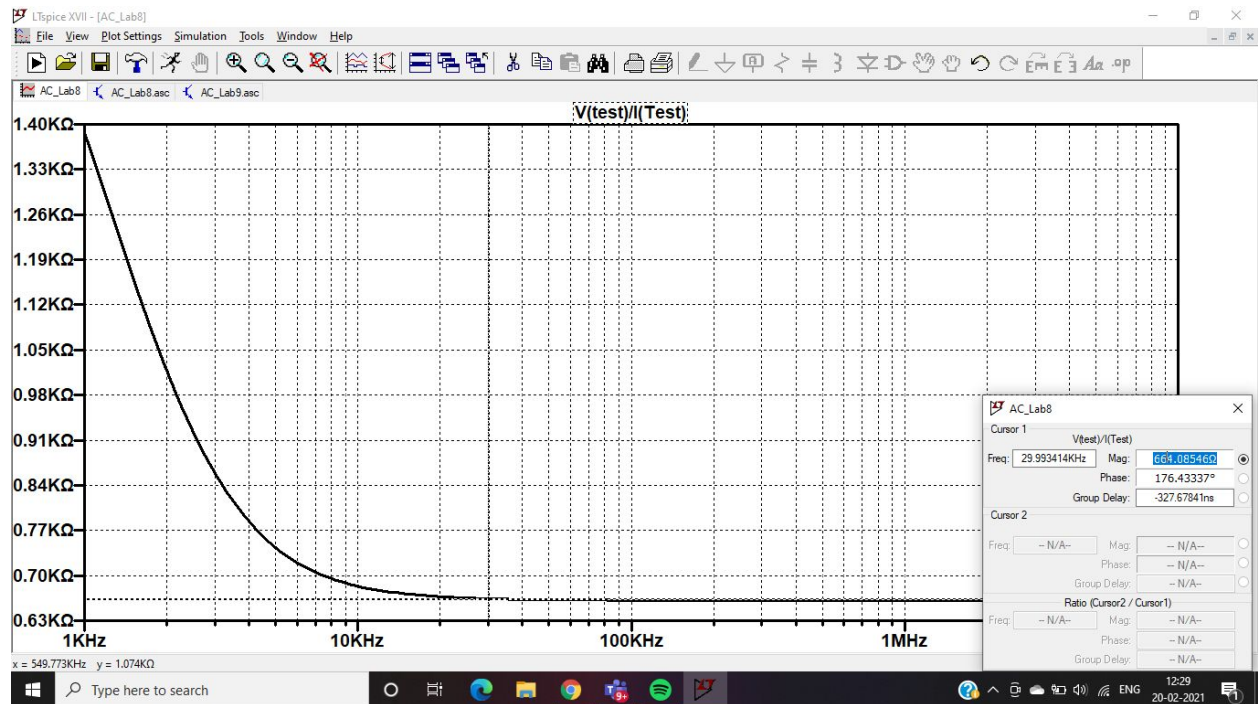
DC



AC

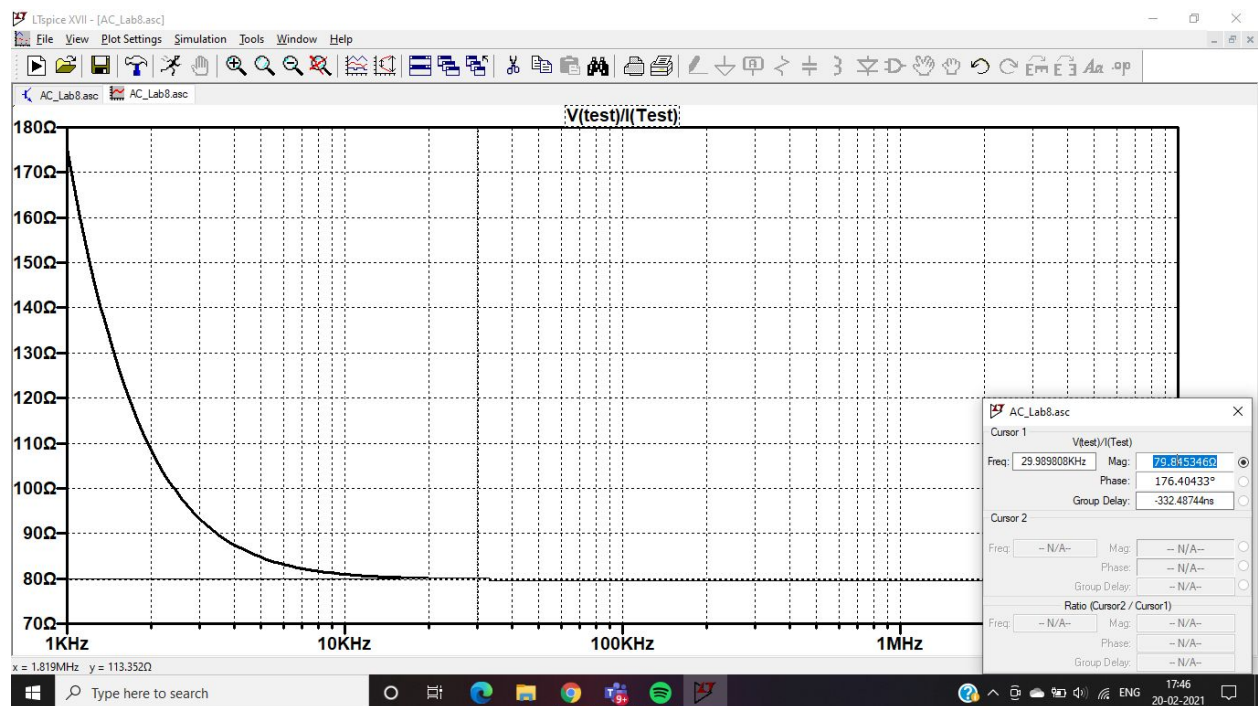


Zin



664.08546Ohm

Zout



79.845346Ohm

Zin	Zout
664.08546Ohm	79.845346Ohm

Suggestions: Write inferences clearly, add observation table, Remove the part where R_c is 2.7k

AC LAB 8 is partially approved with suggestions: Inderjit Singh Dhanjal

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