The “Post-Lab” Report should include the following components.

1. **Cover page:** Your name, session number, time of the laboratory, experiment number, your partner’s name, etc.
2. **Objective:** A few sentences defining the goal of this experiment.
3. **Your specific approach:** Describe the equipment, circuit diagram(s) (accurately labeled), and what will be measured (observed).
4. **Data:** Describe experimental steps that happened in sequence (doing what first, observing what as a result, and then change this or that for observing another result), data (a factual report of what you observed, supported by data, not words), and discussion of data. Organize your data into sections to better present it.
   
   **Note:** The “data” is what you actually measured, not what you imagined.
   
   Please label your plots well, so that there is no ambiguity.

Analysis, as required, such as fitting, plotting in linear-linear or log-linear scale, etc. If fitting is required, for example, plot the fitted curve with data again. Put down the fitting parameters clearly.

5. **Further theoretical discussion:**
   (A) Compare with your earlier PSPICE simulation.
   (B) Further analysis as required.
   (C) Further analysis beyond what is required.

6. **Conclusion or summary**
7. **Suggestions for future improvement:** With your input, this laboratory can become better. The instructor will take your opinion into account and make immediate changes.

**Note:**

1. Grading of your report has everything to do with its clarity. So, label your data well, put in units, define your circuits clearly, and describe your results and support it by data.
2. Text-formatted report is preferred. Hand-written pages are hard to read.
3. The report should use first-person, present tense, when describing facts. Because you can repeat it anytime, anywhere, right? When you describe something that was only observed once, the past tense is appropriate.