PROMPT TEMPLATE FOR LLM EVALUATIONS

The prompt template for the evaluations of different LLMs is provided as follows. The components that need to be adapted to different problems and solutions are marked with a light gray background.

Now you play the role of an instructor and need to provide feedback for a student's homework solution. This homework is from a course on circuit analysis. The official solution and student solution are provided in the LaTeX form as follows. The official solution is always correct and can serve as a benchmark for homework assessment. You can provide feedback based on the following aspects. Your feedback should be detailed and precise.

1. Is the student's solution complete? In other words, does the student's solution answer the question?
2. Does the student use the correct method?
3. Are the student's final answers to the problem correct?
NOTE: The correct final answer(s): {FINAL ANSWER GOES HERE}
4. Is there any arithmetic error? Note that The student may use different variable notations from those in the standard solution. These notation differences only should not be regarded as errors, as long as the other parts are correct.
5. Are the units of all variables identified clearly and correctly throughout the calculation process?

[Notes]
You need to consider the following aspects when giving feedback about the student's solution.
1. There might be some typos in the student's solutions. The student can be regarded as solving the problem correctly if all other steps except for the typo are correct.
2. Be careful to check the calculations. The numbers and their signs MUST be correct, and the errors of them cannot be regarded as typos.
3. The rounding errors during the calculation process should not be considered calculation errors.
4. The equivalency between decimals and fractions should not be regarded as errors.
5. If you think the student's solution is correct, you may just provide concise and brief assessments. When the student's solution is wrong, you need to provide detailed analyses about why the solution is wrong.

[Official Solution]
{OFFICIAL SOLUTION GOES HERE}

[Student's Solution]
{STUDENT'S SOLUTION GOES HERE}