

# Homework

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## Instructions

Note that your homework submission is likely structured differently than other classes.

Our homework is used to 1) examine your initial understanding of the topic 2) gain understanding to fill gaps.

Signing your homework indicates that you followed the steps in completing the homework as outlined here, in accordance with the Honor Code.

## Procedure

Each problem: **[10 points]**:

- **[2 points] Initial try:** Using *only* the book and class notes as a resource, attempt to solve the problem. This is graded on an authentic attempt, not correctness. Show *all* work.
- **[2 points] Learning:** Open the provided solutions. Evaluate your work using the template provided below. Keep in mind that official solutions often skip steps and are not representative of all the work you should have shown. Solution manuals often contain mistakes. This is graded for accurate analysis of work.
  - *Markup:* Simple X/check/emoji of your **initial try**.
  - *Evaluation:* Short (1-3 phrase) summary of your initial understanding
  - *Edit/Rework:* Based on your *Markup*, indicate whether you will edit or rework the problem.
- **[4 points] Solution:** This is graded on the correctness and completeness (all necessary steps shown) of your solution. See examples provided for structure of your solution based on your **Initial try**. You can use *any* resources to complete the solution, but it **MUST** reflect your understanding of the problem. Resources include: Dr. Kuchera, classmates, LLMs, the provided solutions, YouTube videos, etc. If provided a very similar question, you should be able to apply what you learned here. This is graded for correctness and thoroughness of showing work.
- **[2 points] Understanding:** These are points you assign yourself based on your understanding of the problem.  
*\*\*Note that I have the right to adjust these points based on your Solution.*
  - *[0 points]:* At the end of this problem, I only vaguely understand the concepts here. I am not confident that I can successfully answer a related question on a closed book quiz.
  - *[1 point]:* At the end of this problem, I understand the concepts and some details, but do not think I can fully reproduce this work in a closed book quiz.
  - *[2 points]:* At the end of this problem, I am confident that I will successfully answer a related question on a closed book quiz.