# Midterm study notes

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## 1. To know:

- 2D Vector
- For recursion base case and modify
- include copy assignment operator in the rule of three

## 2. What he said will be on it:

- Memory management, pointers, "The rule of three"
- Shallow copy and deep copy
- Allocating dynamic Memory and doing something with it and then delete it
- · recursion

# 3. The big programming questions:

- Write a class and then some unit tests for it
- Extend that class and do some unit tests for it
- 2d Vector
- Do something recursively and iteratively