Programming Final Study Guide

This final will be similar to the final unit test on Object-Oriented Programming. There will be a multiple choice section, some writing / analyzing code, and one final coding question.

The multiple choice section will cover:
- Arrays
- 2-D (and x-D) arrays
- Pointers
  - Pointer arithmetic
- Recursion
- C++ coding vs C coding
- Object-oriented methods
- Object-oriented vs functional programming
- Inheritance

The writing and analyzing section will cover:
- Looping through a 2-D array
- Creating objects in C++ in main()
  - You will be given a .h and .cpp file for this
- Creating a constructor in C++
- Printing out the result of a C++ program
- Analyzing the inheritance of a C++ program

The coding section will cover:
- Completing a C++ code involving inheritance. Parts of a .h and .cpp file will be given to you.