

CS170 Week 6 Lecture 2 Notes

Disclaimer: These notes are meant to be read in parallel with Professor Mead's online notes if you have missed class. Topics will not be covered extensively. You will only see the minor details Prof. Mead spoke about which were not thoroughly expressed in his topic notes.

Inheritance

Object-Oriented Programming

Bottom line: Private data, public methods.

A Simple Example

Remember: For struct's, the default access specifier is public.

You should always specify for private access.

We are not overloading, but overriding functions with new functionality.

Lab #6 Info/Assignment #3/Post Lecture Mentions

Lab #6

- ➔ Due at midnight of Wednesday February 17th
- ➔ Lists will be sorted so that you don't need to worry about incorrect placement for the insert function

Assignment #3

- ➔ Looking at the driver will give you the best insight of what is expected from you for this assignment
- ➔ This is a much lower difficulty assignment for most than WarBoats
- ➔ For pre-increment operator you want “ `operator++(void)` “ → “ `p.operator++()`; “
- ➔ For post-increment operator you want “ `operator++(int)` “ → “ `p.operator++(0)`; “
- ➔ As long as the parameters are distinguishable, we can use overloaded functions easily
- ➔ This assignment should be easy but there's a lot to get right