Announcement

- Lab #5
  - Due 3/19 (Thursday) at 11:59PM
- Lab #6 open tomorrow
  - Due 4/2 (Thursday) at 11:59PM
- Mid-term exam on 3/31 (Tuesday)
  - Lectures 1-14
  - Labs #1-5
- Final project out this Friday (in UCMCROPS)
  - Proposal due with Lab #6
  - Due date: 5/11 (Monday) at 11:59PM
  - Presentation date: 5/12 (Tuesday) at 3:00PM
Topics covered

◦ Basics
  • while / for loops, static variables, functions, etc
  • local and global scope, pointers, memory leak

◦ Data structures
  • stacks, linked lists, dynamic arrays

◦ Classes
  • structs and classes, passing classes by value
  • inheritance, constructors and destructors, default and copy constructors, virtual methods, virtual destructors, the “virtual table”

◦ OO Concepts
  • encapsulation, implementation hiding, class interface, abstract classes