CS 162, Lecture 6: Intro to Classes

13 April 2018
Vocab

- **Struct**: an object without any member functions; collection of data items of diverse types
  - Ex:
- **Class**: an object with both member variables and member functions
  - Ex:
- **Object**: instance of the class
- **Member Variable**: variable that belongs to a particular struct/class
- **Member Function**: function that belongs to a particular class
- **Encapsulation**: the details of implementation of a class are hidden from the programmer who uses the class
Classes v Structs

• Structs
  • No functionality
  • Default public

• Classes
  • Functionality
  • Default private
Classes Basics Demo