Go over Quiz #5/6.

Discuss Assignment #4.
• What classes will you need?
  o What will the members and functionality of each be?
• What are the relationships between the classes, i.e. “has a” vs. “is a” relationships?
• What does the inheritance structure look like, i.e. grandparents, parents, children, etc.?
• How will you use polymorphism in this assignment?
• Will you have an abstract base class? Why or Why not?
• Will you need any friend functions?
• Will you support any operator overloads?

Polymorphism
• How do you achieve polymorphic behavior in C++?

• What is dynamic/late binding?

• What is a pure virtual function? What significance does this have on the class?

Operator Overload
• Which operators can you not overload? What are other restrictions?
• What is the difference in a member operator overload and a non-member?

• How does operand ordering matter when you overload an operator? For instance, what if you allow a character to be concatenated to a string? Do you allow the character to be the second or the first operand, i.e. s+'c' or 'c'+s? How do accomplish this ordering?