

## CS327E Lecture 10 - Monday 2/29/2016

### Reading Quiz:

1. C
2. C
3. A
4. A
5. D

### Concept Questions:

1. What is the relationship between a *Vehicle* and a *Car* in this example?
  - a. **Inherited relationship**
  - b. Composition relationship
  
2. What would you use to represent the relationship between a post and its parent post?
  - a. **Inherited relationship - No because a parent post does not compose of a child parent, as opposed to a thread composing of posts**
  - b. Composition relationship
  
3. What is x?
  - a. Customer
  - b. **Organization**
  - c. Either one
  - d. Neither one
  
4. What kind of queries are not easy to answer with this design?
  - a. Look-up all attributes of a customer by last\_name
  - b. Look-up all attributes of a customer by legal\_name
  - c. **Look-up the attributes of all customers whose city = 'Austin' This is because we have to look up the NonProfit and Profit tables for Organization and whatnot, making expensive joins.**
  - d. All of the above