

CSE143 Lecture Questions for Wednesday, 5/5/21

Question	Answer
<p>Will we be independently scheduling our chat with our TA? Or is that something that the TA will let us know about during section? Thanks for clarifying!</p>	<p>Yes, each TA will let their students know how to schedule the time to discuss the midterm.</p>
<p>How long are TA chats normally for the midterm/final? Should I budget an hour for it? Ok thanks.</p>	<p>No, it will be a 15-minute chat.</p>
<p>Just to make sure I'm understanding this properly, do subclasses have access to superclass fields, or does the private keyword prevent that from happening? I see. So that's why the super keyword is used? Would a getter need to do something fancy then? What if you're writing an overwritten getter that does more? I see. Thanks!</p>	<p>If the fields are declared private in the superclass, then the subclass does not have access to them.</p> <p>The super. prefix is used to distinguish between the subclass version of a method versus the superclass version of a method. You could call a getter or setter without using the super keyword.</p> <p>When you are overriding, then you need to use the super keyword to distinguish the overridden version from the new version.</p>
<p>I have read some books or articles stating that it is not good to use inheritance in the oop design process. Hope to learn more about your thoughts on it.</p>	<p>I quote Joshua Bloch a lot and particularly his book Effective Java. One thing he says over and over is, "Don't use inheritance here" or "Be careful if you use inheritance here." So inheritance is something you want to be careful about. But it is very powerful and when used properly can lead to a good design. It takes a while to learn how to use it well. We're just scratching the surface in 143. You would need another course to really teach you good OO design.</p>
<p>Great! Thank you! Any recommendation regarding which course would cover a good deal of ood? 👍</p>	<p>For CS majors, our CSE331 class is the software design class. I don't know if they're still using OO design.</p>
<p>In the video, you defined a class called StutteredList<E>. How do you define classes with <E> generally? Okay! That sounds fun.</p>	<p>I'm going to show an example of this in a few weeks. We'll turn one of the "int" versions of a structure into a generic version.</p>

<p>When we extend a class, do we have access to its static methods (and fields) through the subclass? I thought this would be different because static methods “belong” to the class and not an instance of it.</p> <p>So can I call a static method of the superclass through the subclass?</p> <p>Okay, thank you!</p>	<p>Static methods do belong to the class. They are visible in a subclass, but there isn't a new version that is inherited.</p> <p>When you are in the subclass, you can call a static method from the superclass.</p>
<p>Can a client access a superclass using the super keyword (outside of the subclass definition)?</p>	<p>No.</p>