

CSE143X Lecture Questions for Monday, 10/19/20

Time (e.g., 12:45)	Question	Answer
34:38, 41:12	Screen blacks out for ~2 seconds.	Thanks for continuing to report...I'm working with tech staff to figure this out.
	Is the midterm self timed? And will there be a span of time in which we can take it, or will everyone take it at the same time? Ok, thank you.	Yes, it will be self timed. You will have a long window in which to take it (days).
43:26	Why would it matter if it's a static method or an instance method (in reference to "point.translate()"). What happens if you make a method within a class that is static? Ooh, okay. Thanks. (It's answered later in the lecture, my bad)	When you declare something "static" then there is only one for the entire class. A static method would not be able to access the state of an object (the fields).
51:10	^Followup: so would this be an example of when to make a static class method? => Getting the distance between two points.	You could make a static method that takes two points, but the more usual thing would be to have an instance method where you ask one point object how far it is from another point object.
	Do structs exist in java or are classes a replacement? Also is there any advantage to using a struct over a class?	Java doesn't use the keyword struct, but a class can be used as a struct. That was my first version of Point with just the two fields. Even in C++ there is no difference between a struct and a class other than the default visibility of elements of the struct/class.