CSE142 Lecture Questions for Wednesday, 1/20/21, section B

Time (e.g., 12:45)	Question	Answer
11:00	What's the significance of writing "new" before the DrawingPanel value?	Objects need to be constructed before they can be accessed. That is often accomplished by calling new. We are asking Java to find space in memory to keep track of this object. For those who popularized this idea, they described it as constructing a new object that will be sitting in front of you on your desktop. Such objects don't appear by magic. You have to ask for them to be constructed.
11:00	What's the difference between defining the variable like DrawingPanel panel, and constructing the object? Oh ok thank you I understand it better now.	Those are two different things. Constructing the object is an action you ask Java to perform. It returns a reference to an object that it constructs. The "DrawingPanel panel =" part says to store that reference in a variable called panel so that you will have a way to access that object later (a way to talk to it).
31:00	I am confused why the end coordinates for the lines were 150 x and y. Didn't you draw the rectangles and circles with end coordinates (100,100)? Oh, my bad	For ovals and rectangles you specify them with the upper-left point and the width and height. For lines you specify them with two points. It's two different ways to describe a rectangle. It's confusing. :-)
	Do the order of parameters matter? Got it. Thank you.	Yes and no. If you say that the parameters are x followed by y, then you have to be careful to give the x value first and the y value second when you call the method. But if you're asking whether you could have made it y followed by x, then the answer is yes as long as you're consistent.