CS 249: Assignment 9

JavaFX Basics and Event-Driven Programming

Theory Questions (20%)

(2%) In property binding, if I bind a target A to a source B (A.bind(B)):		
 (a) If B changes, A will change value. (b) If A changes, B will change value. (c) If either one changes, the other will change. 		
(2%) What is TRUE about an event handler/listener?		
 (a) It is where an event originates (e.g., a button). (b) It processes the event fired from a source object. (c) It contains information about the event that was fired. 		
(2%) An event handler / listener must be registered with the source object in order to handle events from it. (b) False (c) True (b) False		
(2%) An inner class CANNOT access the private data/methods of its outer class.		
(a) True (b) False (b) False		
(2%) An inner class can be protected or private.		
(a) True (b) False		
(2%) For a non-static inner class B defined within a class A, I MUST have an instance of class A in order to create an instance of class B OUTSIDE of class A.		
(a) True (a) True (b) False		

7.	(2%) In Java, a lambda abstract methods.	expression can be used to define an interface with multiple	
	(a) True	(b) False	
	(b) False		
8.	(2%) Given a Button muft that prints "MUFFIN" to S	finButton, call setOnAction() and pass in a lambda expression TDOUT.	
	muffinButton.setOnAction(public void handle(ActionE System.out.println("MUFFI } });	OLIVI KUM	
	The next two questions a Edible. Each question is	ssume that I am writing a class A to implement an interface a SEPARATE situation.	
9.	(2%) Let's say I do NOT need more than one instance of A, but I do need more than one method in A. Which of the following is the BEST choice?		
	(a) Inner class	(b) Anonymous inner class	
	(b) Anonymous inner cla	ass	
	(c) Lambda expression		
0.	(2%) Let's say Edible onl additional methods. What	y contains ONE abstract method. I do NOT need any fields or t is the BEST choice?	
	(a) Inner class	(c) Lambda expression	
	(b) Anonymous inner cla	ass	
	(c) Lambda expression		