Louie Green CS 249 Homework 9 November 29, 2016

- 1. In property binding, if I bind a target A to a source B (A.bind(B)):
  - a. If B changes, A will change value
- 2. What is TRUE about an event handler/listener?
  - a. It processes the event fired from a source object
- 3. An event handler / listener must be registered with the source object in order to handle events from it
  - a. True
- 4. An inner class CANNOT access the private data/methods of its outer class.
  - a. False
- 5. An inner class can be protected or private.
  - a. True
- 6. 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. False
- 7. In Java, a lambda expression can be used to define an interface with multiple abstract methods.
  - a. False
- 8. Given a Button muffinButton, call setOnAction() and pass in a lambda expression that prints "MUFFIN" to STDOUT.

```
import javafx.application.Application;
import javafx.scene.Scene;
import javafx.scene.control.Button;
import javafx.scene.layout.Pane;
import javafx.stage.Stage;
public class A extends Application {
      public void start(Stage primaryStage) {
             Pane pane = new Pane();
             Scene scene = new Scene(pane, 255, 255);
             Button muffinButton = new Button();
             muffinButton.setOnAction(e -> {
                    System.out.println("MUFFIN!");
             });
             pane.getChildren().add(muffinButton);
             primaryStage.setScene(scene);
             primaryStage.show();
      }
      public static void main(String [] args) {
             Launch(args);
      }
```

- 9. 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
- 10. Let's say Edible only contains ONE abstract method. I do NOT need any fields or additional methods. What is the BEST choice?
  - a. Lambda expression