Section 9 –Ery

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

1. JavaFX Ensemble contains code examples of JavaFX features.

   ☐ Mark for Review
   (1) Points

   ○ True (*)

   ◉ False

   ❌ Incorrect. Refer to Section 9 Lesson 2.

2. How would you create a custom color that is pure cyan (equal parts green and blue)?

   ☐ Mark for Review
   (1) Points

   ○ Color customColor = Color.rgb(0, 255, 0);

   ○ Color customColor = Color.rgb(0, 255, 255); (*)

   ◉ Color customColor = Color.rgb(0, 0, 255);

   ○ Color customColor = Color.rgb(255, 255, 0);

   ❌ Incorrect. Refer to Section 9 Lesson 2.

3. Which method helps to set the width of a rectangle's outline?

   ☐ Mark for Review
   (1) Points

   ○ setLayoutX(double d)

   ◉ setStroke(Paint paint)

   ○ setX(double d)

   ○ setStrokeWidth(double d) (*)

   ❌ Incorrect. Refer to Section 9 Lesson 2.

4. Which is the correct syntax to instantiate a JavaFX Rectangle?

   ☐ Mark for Review
   (1) Points

   ◉ Rectangle rect = new Rectangle(20, 20);

○ Rectangle rect = new Rectangle(20, 20, 100);

○ Rectangle rect = new Rectangle(20, 20, 100, 200); (*)

○ Rectangle rect = Rectangle(20, 20, 100, 200);

> ☒ Incorrect. Refer to Section 9 Lesson 2.

5. Which color is not directly used when creating custom Color.rgb()?

☐ Mark for Review
(1) Points

⦿ Blue

○ Red

○ Green

○ Yellow (*)

> ☒ Incorrect. Refer to Section 9 Lesson 2.

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

6. JavaFX doesn't provide you with UI elements, shapes and text. So you must always create your own graphics.

☐ Mark for Review
(1) Points

⦿ True

○ False (*)

> ☒ Incorrect. Refer to Section 9 Lesson 3.

7. An Image is an object that describes the location of a graphics file.

☐ Mark for Review
(1) Points

○ True (*)

⦿ False

> ☒ Incorrect. Refer to Section 9 Lesson 3.

8. Audio can be played by referencing the Audio object directly.

☐ Mark for Review

(1) Points

⊙ True (*)

○ False

✓ Correct

9. Lambda Expressions provide much more effective and cleaner syntax for working with GUI applications and sorting lists.

☐ Mark for Review

(1) Points

⊙ True (*)

○ False

✓ Correct

10. When you write code for MouseEvents, you are telling a Node to listen for a particular event.

☐ Mark for Review

(1) Points

⊙ True (*)

○ False

✓ Correct

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

11. The start() method is the entry point for all JavaFX applications.

☐ Mark for Review

(1) Points

○ True (*)

⊙ False

✗ Incorrect. Refer to Section 9 Lesson 1.

12. Which type of Root Node allows Nodes to be placed anywhere?

Mark for Review

(1) Points

    ◯ HBox

    ◯ Group (*)

    ◉ StackPane

    ◯ TilePane

    ❌ Incorrect. Refer to Section 9 Lesson 1.

13. How would you set the title of the Stage primaryStage?

Mark for Review

(1) Points

    ◯ primaryStage.title = "New Title!";

    ◉ primaryStage.setTitle("New Title!"); (*)

    ◯ primaryStage("New Title!");

    ◯ primaryStage = "New Title!;

    ✅ Correct

14. Which is not a JavaFX Node?

Mark for Review

(1) Points

    ◯ Object (*)

    ◉ ScrollBar

    ◯ ImageView

    ◯ Button

    ❌ Incorrect. Refer to Section 9 Lesson 1.

15. JavaFX is used to create GUI applications.

Mark for Review

(1) Points

    ◉ True (*)

    ◯ False

    ✅ Correct

tes ke 2

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

1. Which is the correct syntax to instantiate a JavaFX Rectangle?

   ☐ Mark for Review
   (1) Points

   ○ Rectangle rect = new Rectangle(20, 20, 100);
   ○ Rectangle rect = new Rectangle(20, 20);
   ◉ Rectangle rect = Rectangle(20, 20, 100, 200);
   ○ Rectangle rect = new Rectangle(20, 20, 100, 200); (*)

   ☒ Incorrect. Refer to Section 9 Lesson 2.

2. JavaFX Ensemble contains code examples of JavaFX features.

   ☐ Mark for Review
   (1) Points

   ○ True (*)
   ◉ False

   ☒ Incorrect. Refer to Section 9 Lesson 2.

3. How would you create a custom color that is pure cyan (equal parts green and blue)?

   ☐ Mark for Review
   (1) Points

   ◉ Color customColor = Color.rgb(0, 255, 0);
   ○ Color customColor = Color.rgb(255, 255, 0);
   ○ Color customColor = Color.rgb(0, 0, 255);
   ○ Color customColor = Color.rgb(0, 255, 255); (*)

   ☒ Incorrect. Refer to Section 9 Lesson 2.

4. Which method helps to set the width of a rectangle's outline?

   ☐ Mark for Review
   (1) Points

○ setX(double d)

◉ setLayoutX(double d)

○ setStroke(Paint paint)

○ setStrokeWidth(double d) (*)

❌ Incorrect. Refer to Section 9 Lesson 2.

5. Which color is not directly used when creating custom Color.rgb()? ☐ Mark for Review
(1) Points

◉ Yellow (*)

○ Green

○ Red

○ Blue

✅ Correct

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

6. Which method is used to for mouse click events? ☐ Mark for Review
(1) Points

○ setOnMouseReleased()

◉ setOnMouseDragged()

○ setOnMouseClicked() (*)

○ setOnMouseMoved()

❌ Incorrect. Refer to Section 9 Lesson 3.

7. When you write code for MouseEvents, you are telling a Node to listen for a particular ☐ Mark for Review
event.
(1) Points

○ True (*)

○ False

8. JavaFX doesn't provide you with UI elements, shapes and text. So you must always create your own graphics.

☐ Mark for Review

(1) Points

○ True

◉ False (*)

✅ Correct

9. An Image is an object that describes the location of a graphics file.

☐ Mark for Review

(1) Points

○ True (*)

◉ False

10. Lambda Expressions provide much more effective and cleaner syntax for working with GUI applications and sorting lists.

☐ Mark for Review

(1) Points

◉ True (*)

○ False

✅ Correct

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

11. How would you set the title of the Stage primaryStage?

☐ Mark for Review

(1) Points

○ primaryStage.title = "New Title!";

○ primaryStage = "New Title!;

● primaryStage.setTitle("New Title!"); (*)

○ primaryStage("New Title!");

✓ Correct

12. JavaFX is used to create GUI applications.

☐ Mark for Review
(1) Points

● True (*)

○ False

✓ Correct

13. Which type of Root Node allows Nodes to be placed anywhere?

☐ Mark for Review
(1) Points

○ Group (*)

● TilePane

○ StackPane

○ HBox

✗ Incorrect. Refer to Section 9 Lesson 1.

14. A layout Pane dictates how Nodes must be positioned

☐ Mark for Review
(1) Points

● True (*)

○ False

✓ Correct

15. Which is not a JavaFX Node?

☐ Mark for Review
(1) Points

● Button

○ Object (*)

○ ScrollBar

○ ImageView

Tes 3

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

1. Which color is not directly used when creating custom Color.rgb()?

    ☐ Mark for Review
    (1) Points

    ○ Green
    ○ Red
    ◉ Blue
    ○ Yellow (*)

    ❌ Incorrect. Refer to Section 9 Lesson 2.

2. Which method helps to set the width of a rectangle's outline?

    ☐ Mark for Review
    (1) Points

    ○ setX(double d)
    ○ setStrokeWidth(double d) (*)
    ◉ setStroke(Paint paint)
    ○ setLayoutX(double d)

    ❌ Incorrect. Refer to Section 9 Lesson 2.

3. Which is the correct syntax to instantiate a JavaFX Rectangle?

    ☐ Mark for Review
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    ○ Rectangle rect = new Rectangle(20, 20, 100, 200); (*)
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Mark for Review
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○ Color customColor = Color.rgb(0, 255, 0);

◉ Color customColor = Color.rgb(0, 255, 255); (*)

○ Color customColor = Color.rgb(0, 0, 255);

✔ Correct

5. JavaFX Ensemble contains code examples of JavaFX features. ☐

Mark for Review
(1) Points

◉ True (*)

○ False

✔ Correct

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

6. The start() method is the entry point for all JavaFX applications. ☐

Mark for Review
(1) Points

◉ True (*)

○ False

✔ Correct

7. Which is not a JavaFX Node? ☐

Mark for Review
(1) Points

○ ImageView

○ Object (*)

◉ Button

○ ScrollBar

8. A layout Pane dictates how Nodes must be positioned

☐ Mark for Review
(1) Points

◉ True (*)

○ False

✅ Correct

9. How would you set the title of the Stage primaryStage?

☐ Mark for Review
(1) Points

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✅ Correct

10. Which type of Root Node allows Nodes to be placed anywhere?

☐ Mark for Review
(1) Points

○ StackPane

◉ TilePane

○ HBox

○ Group (*)

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 9 Quiz
(Answer all questions in this section)

11. Which method is used to for mouse click events?

    ☐
Mark for Review
(1) Points

    ○ setOnMouseClicked() (*)

    ◉ setOnMouseReleased()

    ○ setOnMouseDragged()

    ○ setOnMouseMoved()

    X Incorrect. Refer to Section 9 Lesson 3.

12. An Image is an object that describes the location of a graphics file.

    ☐
Mark for Review
(1) Points

    ◉ True (*)

    ○ False

    ✓ Correct

13. Audio can be played by referencing the Audio object directly.

    ☐
Mark for Review
(1) Points

    ○ True (*)

    ◉ False

    X Incorrect. Refer to Section 9 Lesson 3.

14. JavaFX doesn't provide you with UI elements, shapes and text. So you must always create your own graphics.

    ☐
Mark for Review
(1) Points

    ◉ True

    ○ False (*)

    X Incorrect. Refer to Section 9 Lesson 3.

15. When you write code for MouseEvents, you are telling a Node to listen for a particular event.

    ☐
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(1) Points

○ True (*)

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❌ Incorrect. Refer to Section 9 Lesson 3.

Previous Summary