1450

Review Questions #1 -24 Pages 888-890

1. B
2. C
3. D
4. B
5. A
6. B
7. A
8. D
9. C
10. B
11. C
12. A
13. A
14. B
15. D
16. False
17. True
18. False
19. True
20. True
21. False
22. False
23. True
24. False

Find the Error #1-4 Pages 890-891

1. The equals sign should be replaced with a colon
2. `-font-size` should be replaced with `-fx-font-size`
3. The `ToggleGroup::setToggleGroup()` method does not exist
4. The `ObservableList<T>::addAll()` method does not exist

Algorithm Workbench #1,2,3,4,7,8,9,10,11,12,13, and 14 on Pages 891-892.



|  |
| --- |
| .label {  -fx-font-size: 24pt;  -fx-font-style: italic;  -fx-font-weight: bold;  } |

|  |
| --- |
| scene.getStylesheets().add("styles.css"); |

|  |
| --- |
| .label, .button, .text-field {  -fx-font-size: 24pt;  -fx-font-style: italic;  -fx-font-weight: bold;  } |

|  |
| --- |
| scene.getStylesheets().add("styles.css"); |

|  |
| --- |
| rgb(100, 20, 255); |

|  |
| --- |
| calcButton.setId("calc-button"); |

|  |
| --- |
| myLabel.setStyle("-fx-font-size: 12pt"); |

|  |
| --- |
| radio1.setToggleGroup(radioGroup);  radio2.setToggleGroup(radioGroup);  radio3.setToggleGroup(radioGroup); |

|  |
| --- |
| radio1.setOnAction(new EventHandler<ActionEvent>() {  @Override  public void handle(ActionEvent event) {  outputLabel.setText("selected");  }  }); |

|  |
| --- |
| ListView<String> snackListView = new ListView<>();  snackListView.getItems().addAll("cheese", "olives", "crackers"); |

|  |
| --- |
| TextArea textArea = new TextArea();  textArea.setPrefColumnCount(10);  textArea.setPrefRowCount(15);  textInput.setLineWrap(true); |

|  |
| --- |
| Slider slider = new Slider(0, 1000, 500);  slider.setOrientation(Orientation.HORIZONTAL);  slider.setMajorTickUnit(100);  slider.setMinorTickCount(25); |

|  |
| --- |
| // Create the menu bar.  MenuBar menuBar = new MenuBar();  // Create the File menu.  Menu fileMenu = new Menu("File");  MenuItem openItem = new MenuItem("Open");  MenuItem printItem = new MenuItem("Print");  MenuItem exitItem = new MenuItem("Exit");  fileMenu.getItems().add(openItem, printItem, exitItem); |

Short Answer #s 1-9 Pages 892.

1. An ID is used for one element and a type selector can be used for more than one element
2. .root
3. The RadioButton controls
4. The CheckBox controls
5. Toggle groups allow only one RadioButton to be selected at a time
6. Usually just RadioButton controls
7. An editable ComboBox shows a TextField so the user can enter their own field (must add setEditable because ComboBox is uneditable by default)
8. listView.getSelectionModel().setSelectionMode(SelectionMode.SINGLE);
9. ComboBox (uses drop-down, instead of listing directly like ListView)