1 **import** java.util.\*;

2 **import** javafx.application.\*;

3 **import** javafx.event.\*;

4 **import** javafx.scene.\*;

5 **import** javafx.scene.control.\*;

6 **import** javafx.scene.layout.\*;

7 **import** javafx.stage.\*;

8

9 **public** **class** ChoiceDialogBoxes **extends** Application

10 {

11 @Override

12 **public** **void** start(Stage primaryStage)

13 {

14 StackPane root = **new** StackPane();

15 Scene scene = new Scene(root, 450, 300);

16

17 primaryStage.setTitle(getStanding().get() +" Remote Registration");

18 primaryStage.setScene(scene);

19 primaryStage.show();

20 }

22

23 **private** **static** Optional getStanding()

24 {

25 String[] choices = {"Freshman", "Sophomore", "Junior", "Senior"};

26 ChoiceDialog dialog = new ChoiceDialog ("Freshman", choices);

27 dialog.setTitle("Choice Dialog");

28 dialog.setHeaderText(null);

29 dialog.setContentText("Select your class standing");

30

31 Optional response = dialog.showAndWait();

32 **if** (response.isPresent())

33 {

34 **return** response;

35 }

36 **else**

37 { **return** Optional.ofNullable("");

38 }

39 }

40 **public** **static** **void** main(String[] args)

41 {

42 launch(args);

43 }

44 }

**Figure 11.13**

The application ChoiceDialogBoxes.