1 **import** java.util.Optional;

2 **import** javafx.application.Application;

3 **import** javafx.scene.Scene;

4 **import** javafx.scene.control.TextInputDialog;

5 **import** javafx.scene.layout.StackPane;

6 **import** javafx.stage.Stage;

7

8 **public** **class** FirstFXApplication **extends** Application

9 {

10 @Override

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

12 {

13 Optional response;

14 TextInputDialog inputDialog = **new** TextInputDialog("Mary");

15 inputDialog.setTitle("Input dialog box");

16 inputDialog.setHeaderText(null);

17 inputDialog.setContentText("Enter your name:");

18

19 **do**

20 {

21 response = inputDialog.showAndWait();

22 } **while** (response.isPresent() == false);//no name entered

23

24 System.out.println("The name entered is " + response.get());

25

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

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

28

29 primaryStage.setTitle(response.get() +

30 " is using this program");

31 primaryStage.setScene(scene);

32 primaryStage.show();

33 }

34

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

36 {

37 launch(args);

38 }

39 }

**Figure 11.11**

The application FirstFXApplication.