1 **import** javax.swing.\*;

2 **import** java.io.\*;

3

4 **public** **class** FileChoosers

5 {

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

7 {

8 JFileChooser fc;

9 String path;

10 **int** cancelApproveError;

11 File file;

12

13 **//Demonstrate the \*\*\*OPEN\*\*\* file dialog box**

14 fc = **new** JFileChooser();

15 cancelApproveError = fc.showOpenDialog(null);

16 **if**(cancelApproveError == JFileChooser.APPROVE\_OPTION) **//Open clicked**

17 {

18 file = fc.getSelectedFile(); //fetches file information

19 path = file.getPath(); **//returns the path and file name**

20 System.out.println("The path to the file to be opened is:\n" +

21 path);

22 }

23 **else** **if**(cancelApproveError == JFileChooser.CANCEL\_OPTION) **//canceled**

24 {

25 System.out.println("The user canceled the file open operation");

26 }

27 **else** **//an error**

28 {

29 System.out.println("An error has occurred");

30 }

31

32 **//Demonstrate the \*\*\*SAVE\*\*\* file dialog box**

33 fc = **new** JFileChooser();

34 cancelApproveError = fc.showSaveDialog(null);

35 **if**(cancelApproveError == JFileChooser.APPROVE\_OPTION) **//Open clicked**

36 {

37 file = fc.getSelectedFile();

38 path = file.getPath();

39 System.out.println("The path to the file to be written is:\n" +

40 path);

41 }

42 **else** **if**(cancelApproveError == JFileChooser.CANCEL\_OPTION) **//canceled**

43 {

44 System.out.println("The user canceled the file save operation");

45 }

46 **else //an error**

47 {

48 System.out.println("An error has occurred");

49 }

50 }

51 }

**Figure 12.22 The application FileChoosers.**