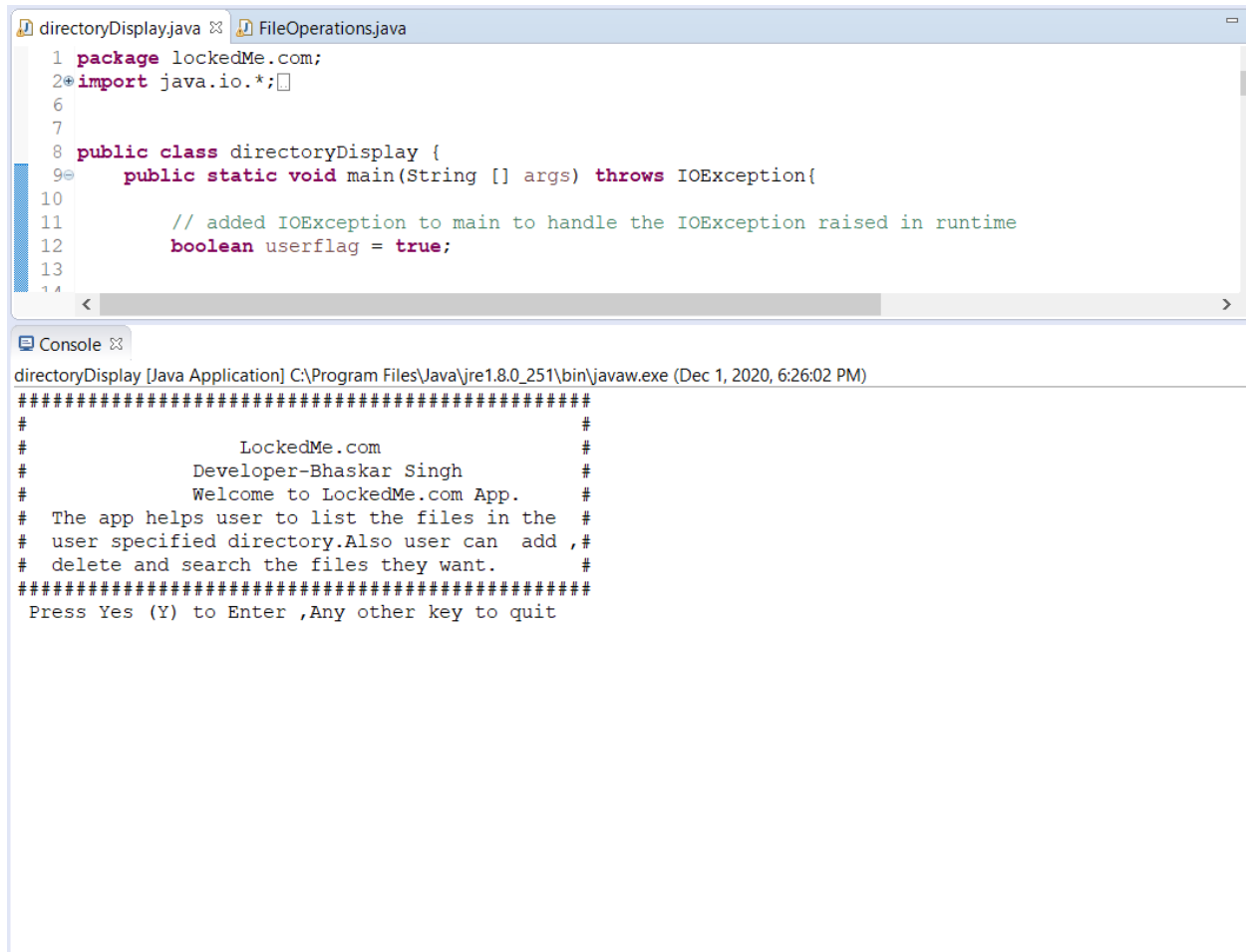


1. Display Welcome Menu



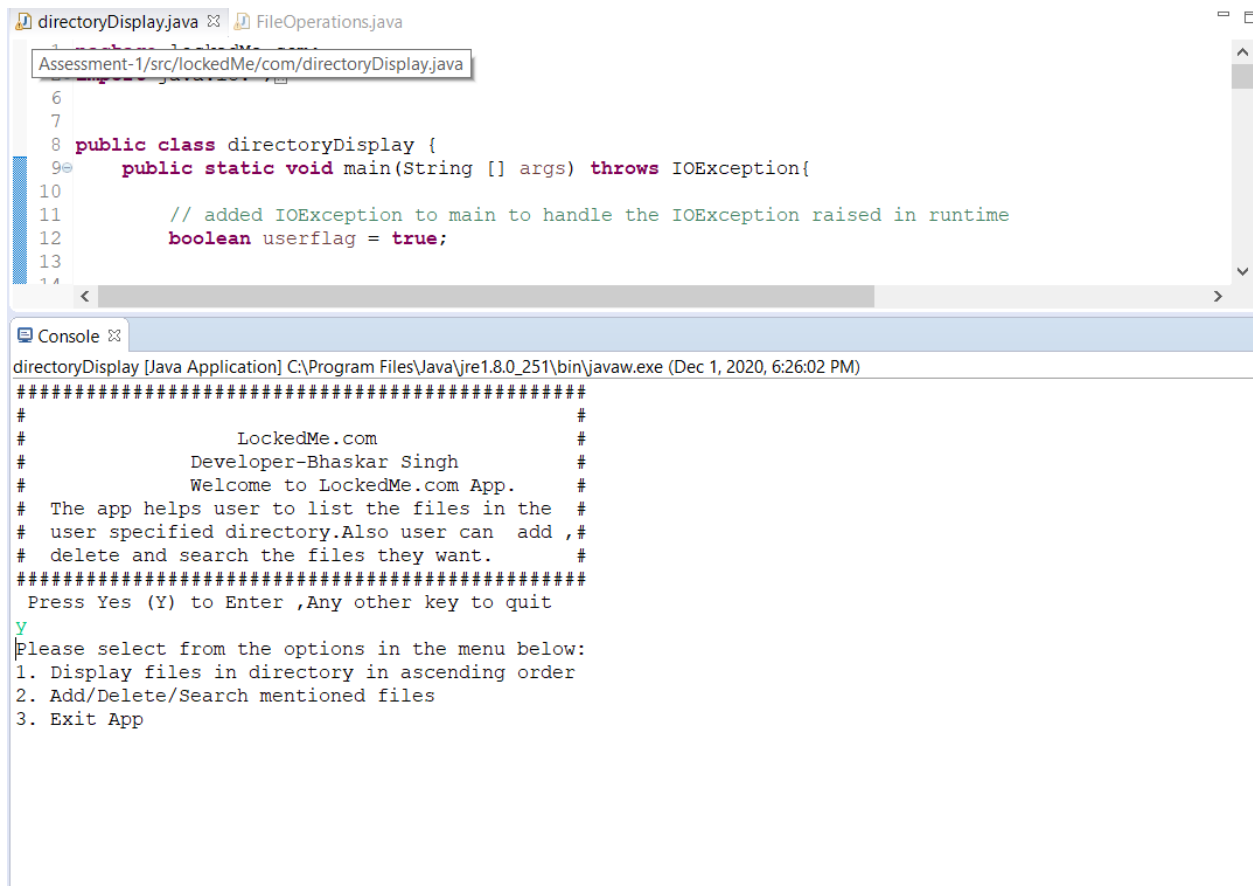
The screenshot shows an IDE with two tabs: `directoryDisplay.java` and `FileOperations.java`. The `directoryDisplay.java` tab is active, displaying the following code:

```
1 package lockedMe.com;
2 import java.io.*;
6
7
8 public class directoryDisplay {
9     public static void main(String [] args) throws IOException{
10
11         // added IOException to main to handle the IOException raised in runtime
12         boolean userflag = true;
13
14
```

Below the code editor is a console window titled "Console". It shows the output of the Java application:

```
directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 1, 2020, 6:26:02 PM)
#####
#                                     #
#             LockedMe.com           #
#             Developer-Bhaskar Singh #
#             Welcome to LockedMe.com App. #
# The app helps user to list the files in the #
# user specified directory.Also user can add ,#
# delete and search the files they want.     #
#####
Press Yes (Y) to Enter ,Any other key to quit
```

2. Press 'Y' or 'y' to enter. 1st menu is displayed



The screenshot shows an IDE with two tabs: `directoryDisplay.java` and `FileOperations.java`. The `directoryDisplay.java` tab is active, showing the following code:

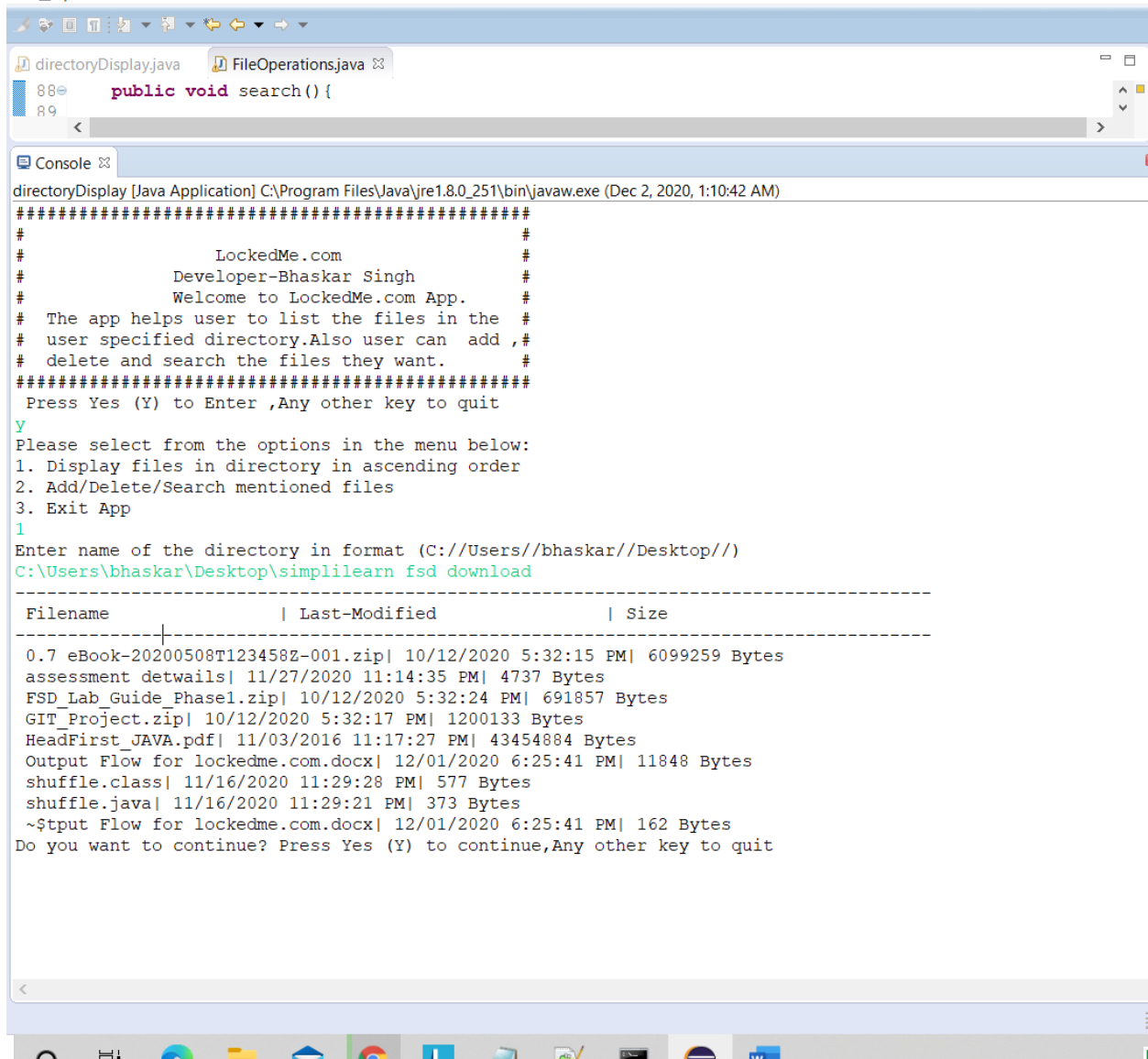
```
1 package LockedMe.com;
2
3 import java.io.*;
4
5
6
7
8 public class directoryDisplay {
9     public static void main(String [] args) throws IOException{
10
11         // added IOException to main to handle the IOException raised in runtime
12         boolean userflag = true;
13
14     }
```

Below the code editor is a console window titled "Console". It shows the output of the Java application:

```
directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 1, 2020, 6:26:02 PM)
#####
#
#             LockedMe.com             #
#             Developer-Bhaskar Singh   #
#             Welcome to LockedMe.com App. #
# The app helps user to list the files in the #
# user specified directory.Also user can add ,#
# delete and search the files they want.    #
#####
Press Yes (Y) to Enter ,Any other key to quit
y
Please select from the options in the menu below:
1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App
```

3. Select option 1 to display directory contents

ow Help



The screenshot shows an IDE with two tabs: `directoryDisplay.java` and `FileOperations.java`. The `directoryDisplay.java` tab is active, showing a `public void search() {` method. Below the code editor is a console window titled `Console`. The console output shows the execution of a Java application. It starts with a header for `LockedMe.com` and a welcome message. It then prompts the user to select from a menu of options: 1. Display files in directory in ascending order, 2. Add/Delete/Search mentioned files, and 3. Exit App. The user selects option 1, and the application prompts for a directory path. The user enters `C:\Users\bhaskar\Desktop\simplilearn fsd download`. The application then displays a table of files in the specified directory, including filenames, last-modified dates, and sizes. The table is as follows:

Filename	Last-Modified	Size
0.7 eBook-20200508T123458Z-001.zip	10/12/2020 5:32:15 PM	6099259 Bytes
assessment detwails	11/27/2020 11:14:35 PM	4737 Bytes
FSD_Lab_Guide_Phase1.zip	10/12/2020 5:32:24 PM	691857 Bytes
GIT_Project.zip	10/12/2020 5:32:17 PM	1200133 Bytes
HeadFirst_JAVA.pdf	11/03/2016 11:17:27 PM	43454884 Bytes
Output Flow for lockedme.com.docx	12/01/2020 6:25:41 PM	11848 Bytes
shuffle.class	11/16/2020 11:29:28 PM	577 Bytes
shuffle.java	11/16/2020 11:29:21 PM	373 Bytes
~\$tput Flow for lockedme.com.docx	12/01/2020 6:25:41 PM	162 Bytes

After displaying the table, the application prompts the user to press Yes (Y) to continue or any other key to quit.

```

directoryDisplay.java  FileOperations.java
148         //System.out.println(" " + f.getAbsolutePath() + "|" + dateformat.format(f.lastMo
149         System.out.println(" " + f.getName() + "|" + dateformat.format(f.lastModified())
150
151
152     }
153 } catch (Exception e) {
154

```

```

Console
directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:13:29 AM)
#####
#
#           LockedMe.com
#           Developer-Bhaskar Singh
#           Welcome to LockedMe.com App.
# The app helps user to list the files in the
# user specified directory.Also user can add ,#
# delete and search the files they want.
#####
Press Yes (Y) to Enter ,Any other key to quit
Y
Please select from the options in the menu below:
1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App
1
Enter name of the directory in format (C://Users//bhaskar//Desktop//)
C://Users//bhaskar//Desktop//simplilearn fsd download
-----
Filename                | Last-Modified                | Size
-----
0.7 eBook-20200508T123458Z-001.zip| 10/12/2020 5:32:15 PM| 6099259 Bytes
assessment dettails| 11/27/2020 11:14:35 PM| 4737 Bytes
FSD_Lab_Guide_Phase1.zip| 10/12/2020 5:32:24 PM| 691857 Bytes
GIT_Project.zip| 10/12/2020 5:32:17 PM| 1200133 Bytes
HeadFirst JAVA.pdf| 11/03/2016 11:17:27 PM| 43454884 Bytes
Output Flow for lockedme.com.docx| 12/01/2020 6:25:41 PM| 11848 Bytes
shuffle.class| 11/16/2020 11:29:28 PM| 577 Bytes
shuffle.java| 11/16/2020 11:29:21 PM| 373 Bytes
~$tput Flow for lockedme.com.docx| 12/01/2020 6:25:41 PM| 162 Bytes
Do you want to continue? Press Yes (Y) to continue,Any other key to quit
Y

```

4. Select option (2) for file handling operation

```
directoryDisplay.java  FileOperations.java
148 //System.out.println(" " + f.getAbsolutePath() + "|" + dateformat.format(f.lastMo
149 System.out.println(" " + f.getName() + "|" + dateformat.format(f.lastModified()))
150
151
152 }
153 } catch (Exception e) {
154
```

Console

directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:13:29 AM)

Please select from the options in the menu below:

1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App

1

Enter name of the directory in format (C://Users//bhaskar//Desktop//)

C://Users//bhaskar//Desktop//simplilearn fsd download

Filename	Last-Modified	Size
0.7 eBook-20200508T123458Z-001.zip	10/12/2020 5:32:15 PM	6099259 Bytes
assessment dettails	11/27/2020 11:14:35 PM	4737 Bytes
FSD_Lab_Guide_Phase1.zip	10/12/2020 5:32:24 PM	691857 Bytes
GIT_Project.zip	10/12/2020 5:32:17 PM	1200133 Bytes
HeadFirst_JAVA.pdf	11/03/2016 11:17:27 PM	43454884 Bytes
Output Flow for lockedme.com.docx	12/01/2020 6:25:41 PM	11848 Bytes
shuffle.class	11/16/2020 11:29:28 PM	577 Bytes
shuffle.java	11/16/2020 11:29:21 PM	373 Bytes
~\$tput Flow for lockedme.com.docx	12/01/2020 6:25:41 PM	162 Bytes

Do you want to continue? Press Yes (Y) to continue,Any other key to quit

Y

Please select from the options in the menu below:

1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App

2

Welcome to File Handling Menu, Please select from the options below:

1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files

Press any other key to go to previous menu














5. Select option 1 to add file

```
directoryDisplay.java | FileOperations.java
9      // add class Exception to check for any exception thrown by the class
10
11      //try catch block to handle any exception that occur during option selection
12      boolean userflag = true;
13      while (userflag){
14
15          try{
16
17              System.out.println("Welcome to File Handling Menu, Please select from the options below:");
18              System.out.println("1. Add user mentioned files");
19              System.out.println("2. Delete user mentioned files");
20              System.out.println("3. Search user mentioned files");
21              System.out.println("Press any other key to go to previous menu");
22
23              String option2;
```

Console

directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:22:20 AM)

```
#      Welcome to LockedMe.com App.      #
# The app helps user to list the files in the #
# user specified directory.Also user can add ,#
# delete and search the files they want.      #
#####
Press Yes (Y) to Enter ,Any other key to quit
Y
Please select from the options in the menu below:
1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App
2
Welcome to File Handling Menu, Please select from the options below:
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
1
Enter the full path of the file to be added in the format C://Users//bhaskar//Desktop//Filename.txt
C://Users//bhaskar//Desktop//simplilearn fsd download//filename test.txt
File Created successfully
Press Any key to continue
```

	Name	Date modified	Type	Size
	 0.7 eBook-20200508T123458Z-001.zip	10/12/2020 5:32 PM	Compressed (zipp...	5,957 KB
	 assessment detwails	11/27/2020 11:14 PM	File	5 KB
	 filename test.txt	12/2/2020 1:26 AM	Text Document	0 KB
	 FSD_Lab_Guide_Phase1.zip	10/12/2020 5:32 PM	Compressed (zipp...	676 KB
	 GIT_Project.zip	10/12/2020 5:32 PM	Compressed (zipp...	1,173 KB
	 HeadFirst_JAVA.pdf	11/3/2016 11:17 PM	Adobe Acrobat D...	42,437 KB
	 Output Flow for lockedme.com.docx	12/2/2020 1:16 AM	Microsoft Word D...	305 KB
	 shuffle.class	11/16/2020 11:29 PM	CLASS File	1 KB
	 shuffle.java	11/16/2020 11:29 PM	JAVA File	1 KB

6. Search file using option 3

low Help

```
directoryDisplay.java FileOperations.java
9 // add class Exception to check for any exception thrown by the class
10
11 //try catch block to handle any exception that occur during option selection
12 boolean userflag = true;
13 while (userflag){
14
15     try{
16
17         System.out.println("Welcome to File Handling Menu, Please select from the options below:");
18         System.out.println("1. Add user mentioned files");
19         System.out.println("2. Delete user mentioned files");
20         System.out.println("3. Search user mentioned files");
21         System.out.println("Press any other key to go to previous menu");
22
23         String option2;
```

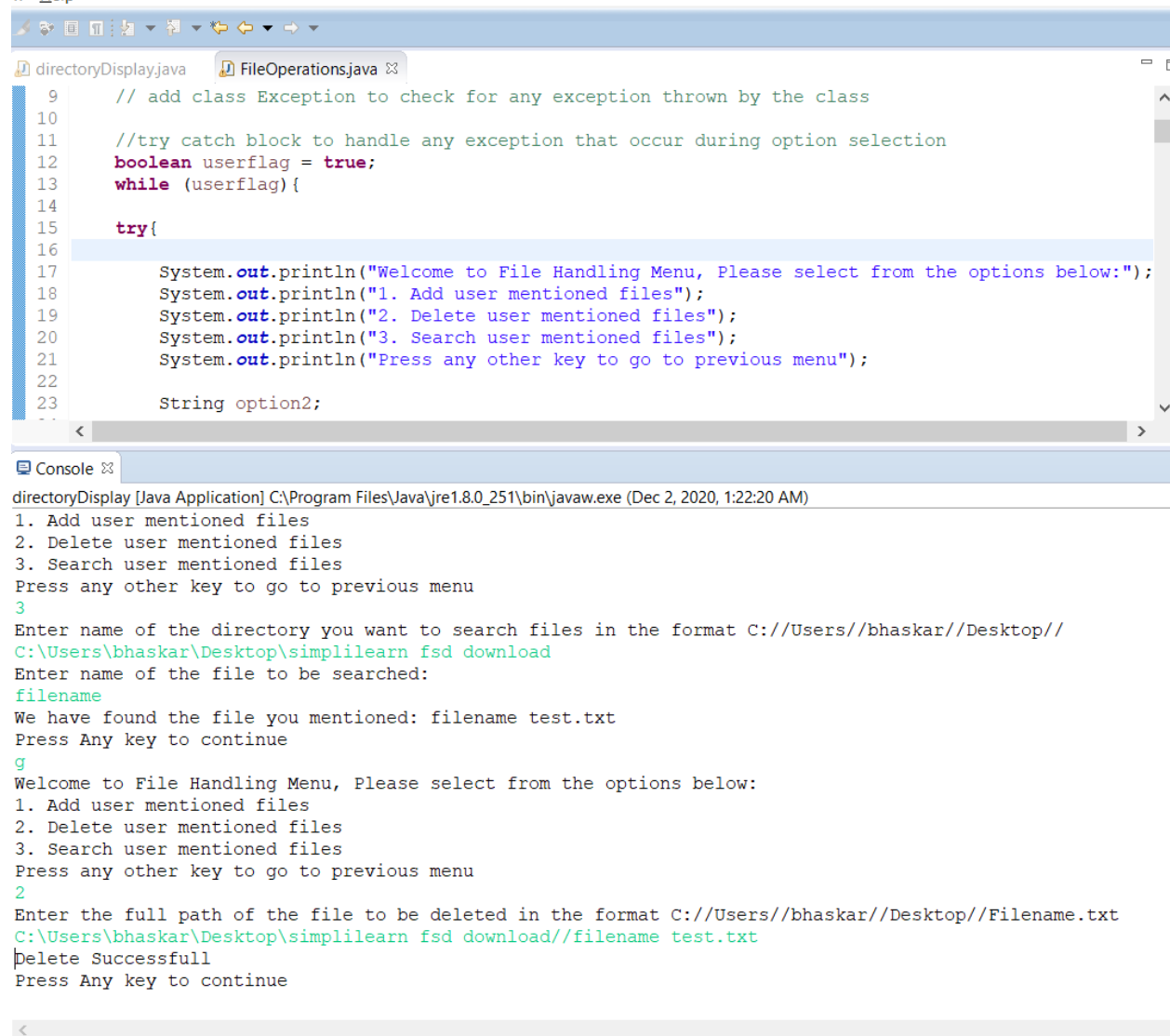
Console

directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:22:20 AM)

1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
1
Enter the full path of the file to be added in the format C://Users//bhaskar//Desktop//Filename.txt
C://Users//bhaskar//Desktop//simplilearn fsd download//filename test.txt
File Created successfully
Press Any key to continue
d
Welcome to File Handling Menu, Please select from the options below:
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
3
Enter name of the directory you want to search files in the format C://Users//bhaskar//Desktop//
C:\Users\bhaskar\Desktop\simplilearn fsd download
Enter name of the file to be searched:
filename
We have found the file you mentioned: filename test.txt
Press Any key to continue

7. Delete the file using option 2

w Help



The screenshot shows an IDE with two tabs: 'directoryDisplay.java' and 'FileOperations.java'. The 'FileOperations.java' tab is active, showing a Java class with a try-catch block and a while loop. The code is as follows:

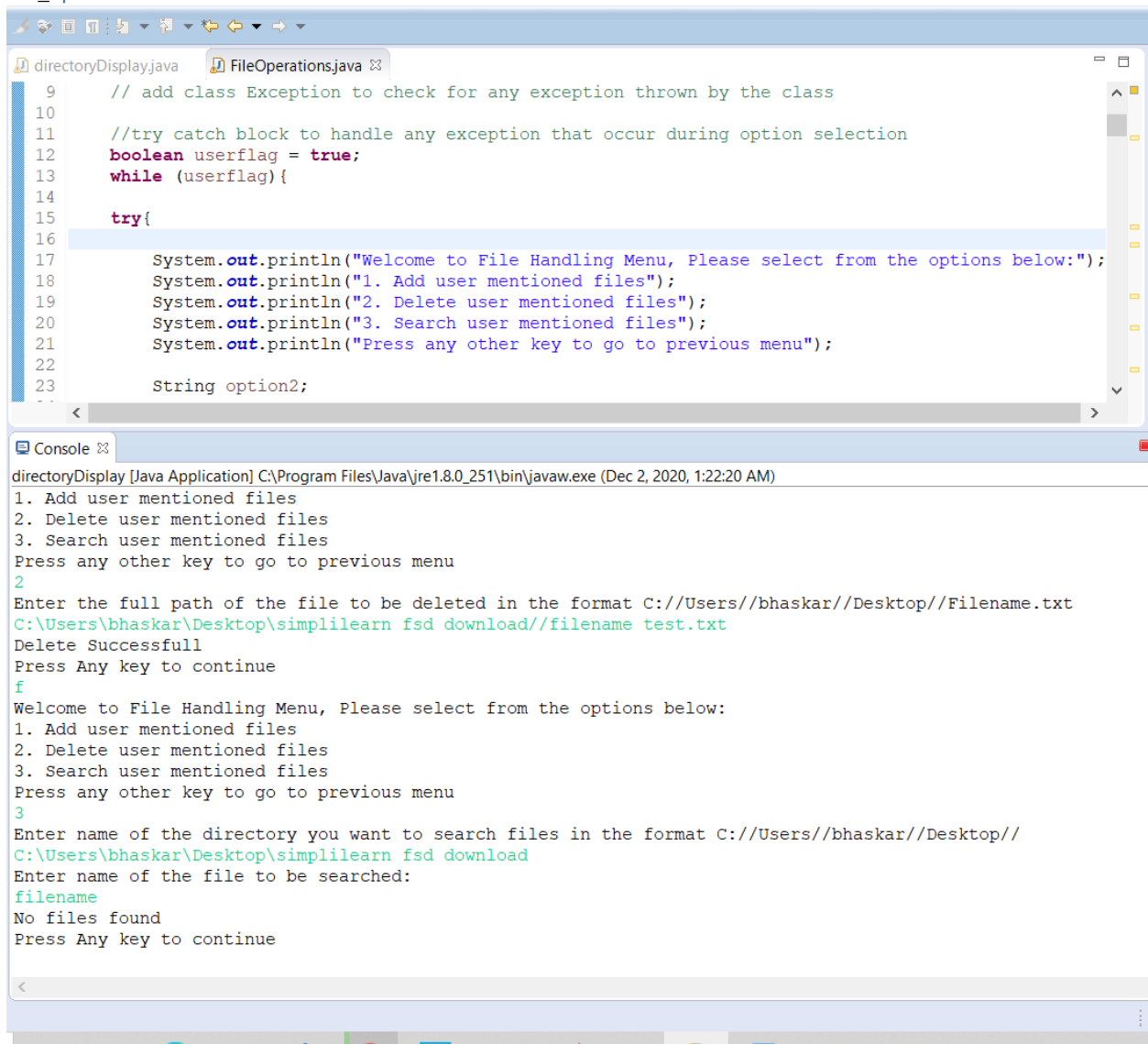
```
9 // add class Exception to check for any exception thrown by the class
10
11 //try catch block to handle any exception that occur during option selection
12 boolean userflag = true;
13 while (userflag){
14
15     try{
16
17         System.out.println("Welcome to File Handling Menu, Please select from the options below:");
18         System.out.println("1. Add user mentioned files");
19         System.out.println("2. Delete user mentioned files");
20         System.out.println("3. Search user mentioned files");
21         System.out.println("Press any other key to go to previous menu");
22
23         String option2;
```

The console window below shows the output of the application. It displays a menu with three options: 1. Add user mentioned files, 2. Delete user mentioned files, and 3. Search user mentioned files. The user has entered '3' and provided a directory path 'C:\Users\bhaskar\Desktop\simplilearn fsd download'. The application has found a file named 'filename test.txt' and has successfully deleted it. The console output is as follows:

```
directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:22:20 AM)
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
3
Enter name of the directory you want to search files in the format C://Users//bhaskar//Desktop//
C:\Users\bhaskar\Desktop\simplilearn fsd download
Enter name of the file to be searched:
filename
We have found the file you mentioned: filename test.txt
Press Any key to continue
g
Welcome to File Handling Menu, Please select from the options below:
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
2
Enter the full path of the file to be deleted in the format C://Users//bhaskar//Desktop//Filename.txt
C:\Users\bhaskar\Desktop\simplilearn fsd download//filename test.txt
Delete Successfull
Press Any key to continue
```

8. search again the file deleted using option 2

ow Help











The screenshot shows an IDE with two tabs: 'directoryDisplay.java' and 'FileOperations.java'. The 'FileOperations.java' tab is active, displaying Java code for a file handling menu. The code includes comments and a try-catch block for exception handling. Below the code editor is a console window titled 'Console' showing the execution of the program. The console output displays the menu options, user input for file deletion and search, and the resulting actions taken by the program.

```
9 // add class Exception to check for any exception thrown by the class
10
11 //try catch block to handle any exception that occur during option selection
12 boolean userflag = true;
13 while (userflag){
14
15     try{
16
17         System.out.println("Welcome to File Handling Menu, Please select from the options below:");
18         System.out.println("1. Add user mentioned files");
19         System.out.println("2. Delete user mentioned files");
20         System.out.println("3. Search user mentioned files");
21         System.out.println("Press any other key to go to previous menu");
22
23         String option2;
```

directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:22:20 AM)

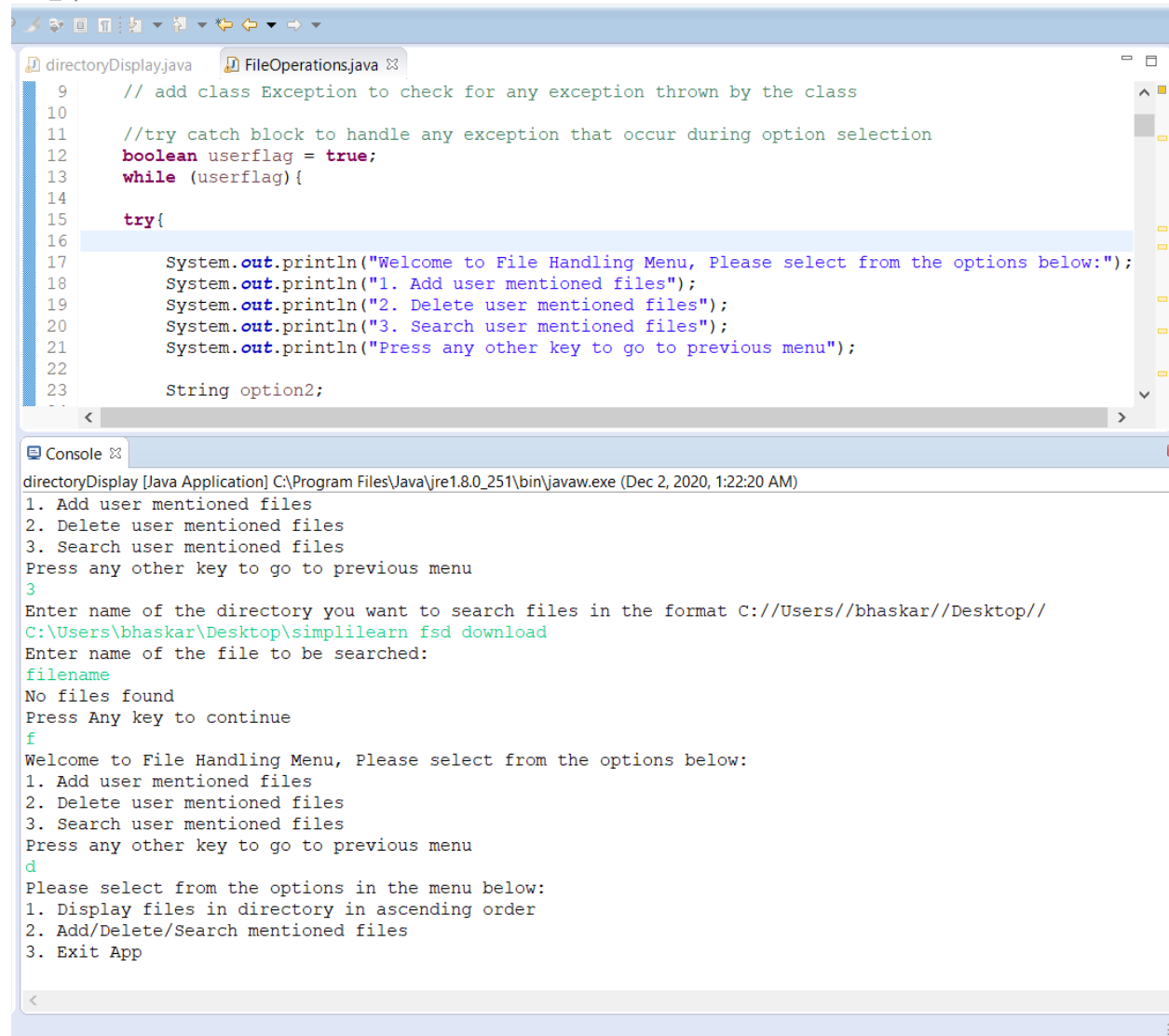
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
2
Enter the full path of the file to be deleted in the format C://Users//bhaskar//Desktop//Filename.txt
C:\Users\bhaskar\Desktop\simplilearn fsd download//filename test.txt
Delete Successfull
Press Any key to continue
f
Welcome to File Handling Menu, Please select from the options below:
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
3
Enter name of the directory you want to search files in the format C://Users//bhaskar//Desktop//
C:\Users\bhaskar\Desktop\simplilearn fsd download
Enter name of the file to be searched:
filename
No files found
Press Any key to continue

Name	Date modified	Type	Size
 0.7 eBook-20200508T123458Z-001.zip	10/12/2020 5:32 PM	Compressed (zipp...	5,957 KB
 assessment detwails	11/27/2020 11:14 PM	File	5 KB
 FSD_Lab_Guide_Phase1.zip	10/12/2020 5:32 PM	Compressed (zipp...	676 KB
 GIT_Project.zip	10/12/2020 5:32 PM	Compressed (zipp...	1,173 KB
 HeadFirst_JAVA.pdf	11/3/2016 11:17 PM	Adobe Acrobat D...	42,437 KB
 Output Flow for lockedme.com.docx	12/2/2020 1:16 AM	Microsoft Word D...	305 KB
 shuffle.class	11/16/2020 11:29 PM	CLASS File	1 KB
 shuffle.java	11/16/2020 11:29 PM	JAVA File	1 KB

9. navigate back to first menu

3

low Help



The screenshot shows an IDE with two tabs: `directoryDisplay.java` and `FileOperations.java`. The `directoryDisplay.java` tab is active, showing the following code:

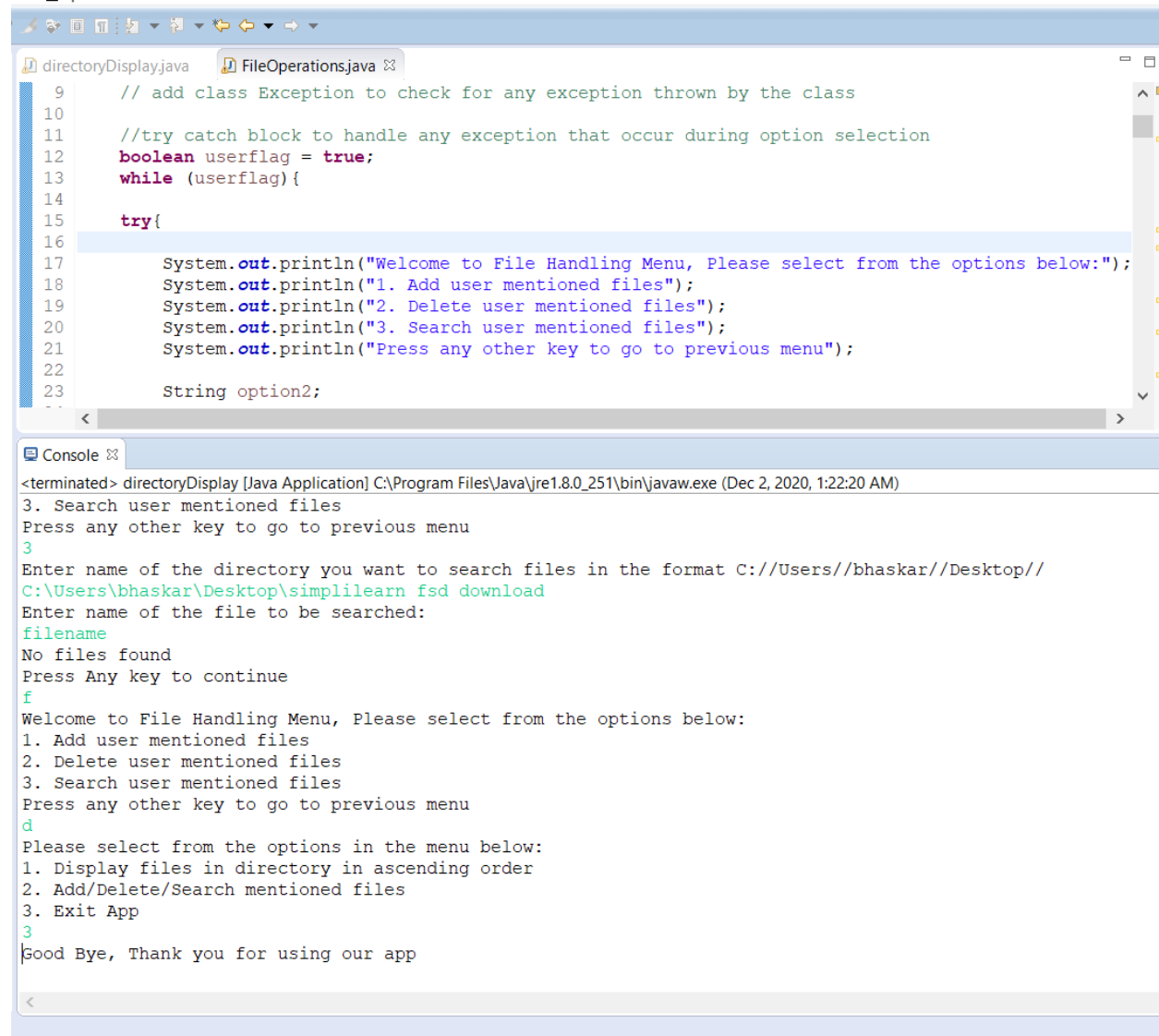
```
9 // add class Exception to check for any exception thrown by the class
10
11 //try catch block to handle any exception that occur during option selection
12 boolean userflag = true;
13 while (userflag){
14
15     try{
16
17         System.out.println("Welcome to File Handling Menu, Please select from the options below:");
18         System.out.println("1. Add user mentioned files");
19         System.out.println("2. Delete user mentioned files");
20         System.out.println("3. Search user mentioned files");
21         System.out.println("Press any other key to go to previous menu");
22
23         String option2;
```

The console window shows the output of the application:

```
directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:22:20 AM)
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
3
Enter name of the directory you want to search files in the format C://Users//bhaskar//Desktop//
C:\Users\bhaskar\Desktop\simplilearn fsd download
Enter name of the file to be searched:
filename
No files found
Press Any key to continue
f
Welcome to File Handling Menu, Please select from the options below:
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
d
Please select from the options in the menu below:
1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App
```

10. Close the app with option 3

ow Help



The screenshot shows an IDE with two tabs: 'directoryDisplay.java' and 'FileOperations.java'. The 'directoryDisplay.java' tab is active, showing a Java program with a menu system. The code includes a try-catch block for handling exceptions, a while loop for a user flag, and a try block for menu operations. The console output shows the program's execution, including a search for files in a directory and a menu display.

```
9 // add class Exception to check for any exception thrown by the class
10
11 //try catch block to handle any exception that occur during option selection
12 boolean userflag = true;
13 while (userflag){
14
15     try{
16
17         System.out.println("Welcome to File Handling Menu, Please select from the options below:");
18         System.out.println("1. Add user mentioned files");
19         System.out.println("2. Delete user mentioned files");
20         System.out.println("3. Search user mentioned files");
21         System.out.println("Press any other key to go to previous menu");
22
23         String option2;
```

Console

```
<terminated> directoryDisplay [Java Application] C:\Program Files\Java\jre1.8.0_251\bin\javaw.exe (Dec 2, 2020, 1:22:20 AM)
3. Search user mentioned files
Press any other key to go to previous menu
3
Enter name of the directory you want to search files in the format C://Users//bhaskar//Desktop//
C:\Users\bhaskar\Desktop\simplilearn fsd download
Enter name of the file to be searched:
filename
No files found
Press Any key to continue
f
Welcome to File Handling Menu, Please select from the options below:
1. Add user mentioned files
2. Delete user mentioned files
3. Search user mentioned files
Press any other key to go to previous menu
d
Please select from the options in the menu below:
1. Display files in directory in ascending order
2. Add/Delete/Search mentioned files
3. Exit App
3
Good Bye, Thank you for using our app
```