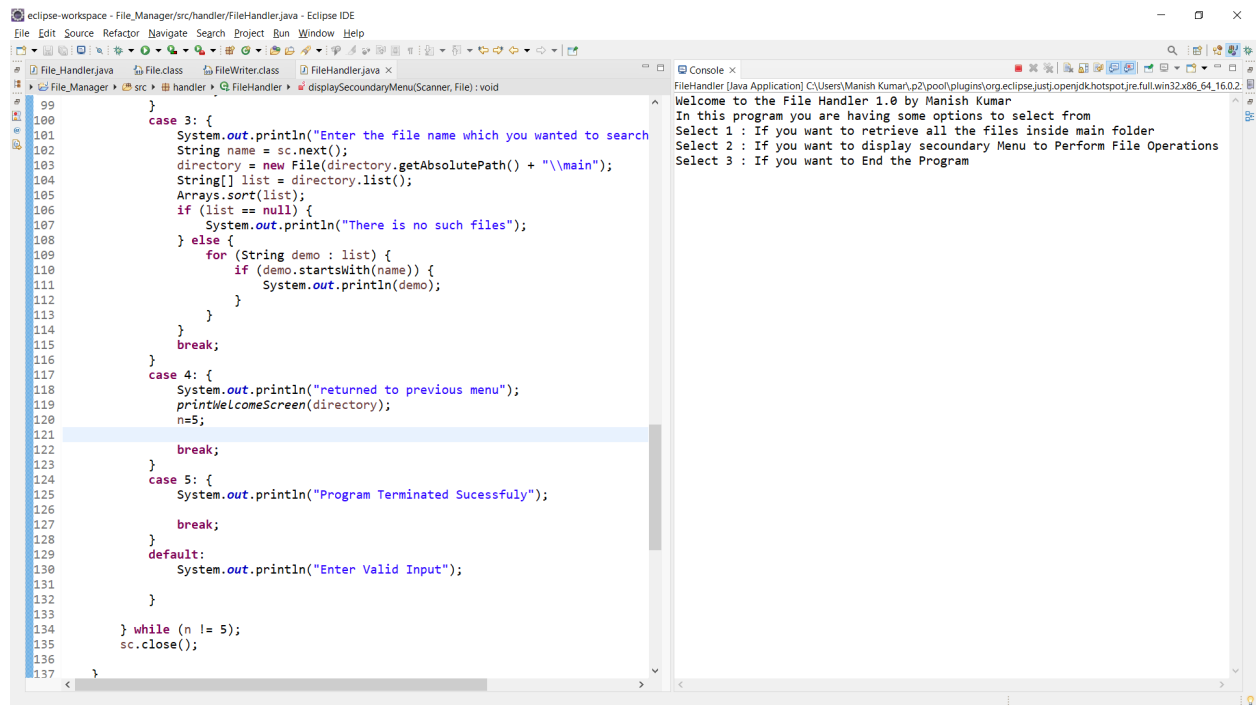


This is the welcome screen;



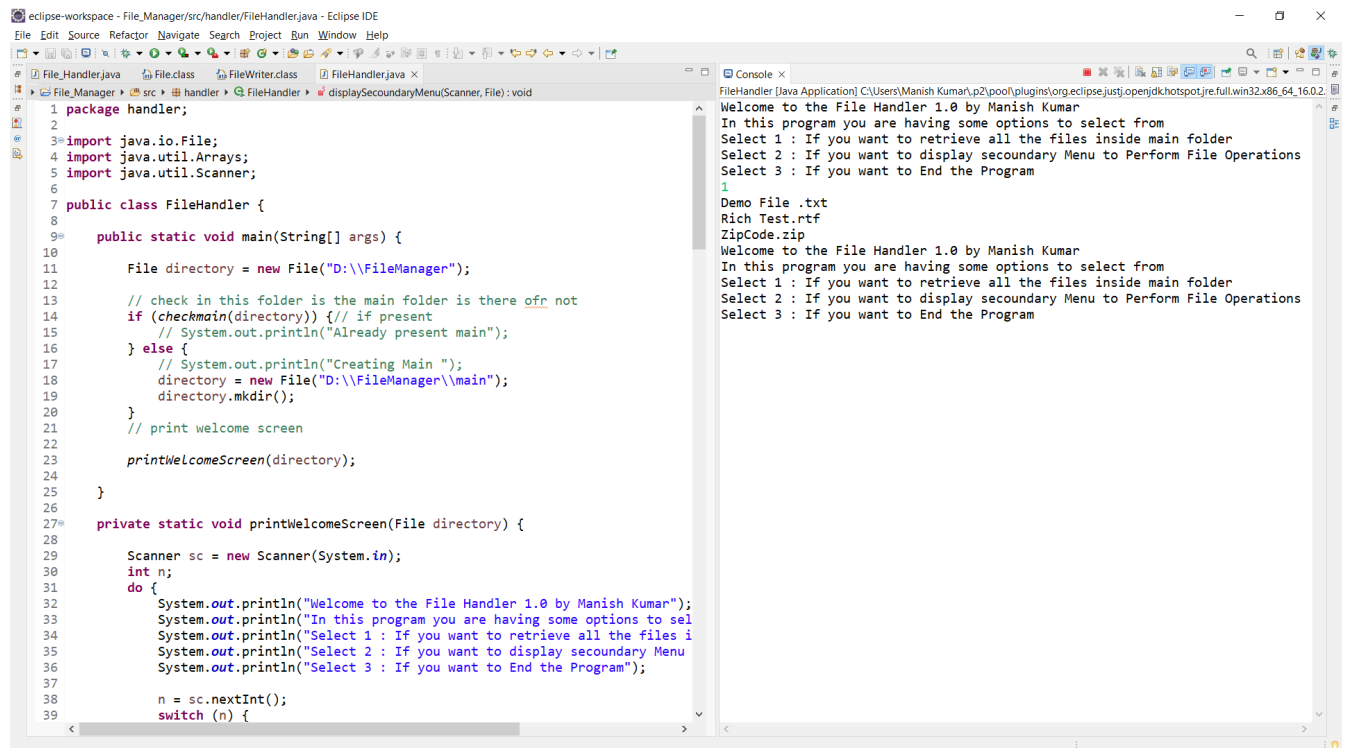
The screenshot shows the Eclipse IDE with the FileHandler.java file open. The code is a Java application that handles file operations. The console output shows the welcome message and the options available to the user.

```
99 }
100 case 3: {
101     System.out.println("Enter the file name which you wanted to search");
102     String name = sc.next();
103     directory = new File(directory.getAbsolutePath() + "\\main");
104     String[] list = directory.list();
105     Arrays.sort(list);
106     if (list == null) {
107         System.out.println("There is no such files");
108     } else {
109         for (String demo : list) {
110             if (demo.startsWith(name)) {
111                 System.out.println(demo);
112             }
113         }
114         break;
115     }
116 case 4: {
117     System.out.println("returned to previous menu");
118     printWelcomeScreen(directory);
119     n=5;
120     break;
121 }
122 case 5: {
123     System.out.println("Program Terminated Sucessfully");
124     break;
125 }
126 default:
127     System.out.println("Enter Valid Input");
128 } while (n != 5);
129 sc.close();
130 }
```

Console Output:

```
FileHandler [Java Application] C:\Users\Manish Kumar\p2\pool\plugins\org.eclipse.justi.openjdk hotspot.jre.full.win32.x86_64_16.0.2
Welcome to the File Handler 1.0 by Manish Kumar
In this program you are having some options to select from
Select 1 : If you want to retrieve all the files inside main folder
Select 2 : If you want to display secondary Menu to Perform File Operations
Select 3 : If you want to End the Program
```

You can select from 1-3 in this screen and then according to the input program will work;
If I select 1 this will come;



The screenshot shows the Eclipse IDE with the FileHandler.java file open. The code is a Java application that handles file operations. The console output shows the welcome message and the options available to the user. After selecting option 1, the program displays the files in the main folder.

```
1 package handler;
2
3 import java.io.File;
4 import java.util.Arrays;
5 import java.util.Scanner;
6
7 public class FileHandler {
8
9     public static void main(String[] args) {
10         File directory = new File("D:\\FileManager");
11         // check in this folder is the main folder is there or not
12         if (checkmain(directory)) { // if present
13             // System.out.println("Already present main");
14         } else {
15             // System.out.println("Creating Main ");
16             directory = new File("D:\\FileManager\\main");
17             directory.mkdir();
18             // print welcome screen
19             printWelcomeScreen(directory);
20         }
21     }
22     private static void printWelcomeScreen(File directory) {
23         Scanner sc = new Scanner(System.in);
24         int n;
25         do {
26             System.out.println("Welcome to the File Handler 1.0 by Manish Kumar");
27             System.out.println("In this program you are having some options to select from");
28             System.out.println("Select 1 : If you want to retrieve all the files inside main folder");
29             System.out.println("Select 2 : If you want to display secondary Menu to Perform File Operations");
30             System.out.println("Select 3 : If you want to End the Program");
31             n = sc.nextInt();
32             switch (n) {
33                 case 1: {
34                     System.out.println("Enter the file name which you wanted to search");
35                     String name = sc.next();
36                     directory = new File(directory.getAbsolutePath() + "\\main");
37                     String[] list = directory.list();
38                     Arrays.sort(list);
39                     if (list == null) {
40                         System.out.println("There is no such files");
41                     } else {
42                         for (String demo : list) {
43                             if (demo.startsWith(name)) {
44                                 System.out.println(demo);
45                             }
46                         }
47                     }
48                     break;
49                 }
50                 case 2: {
51                     System.out.println("returned to previous menu");
52                     printWelcomeScreen(directory);
53                     n=5;
54                     break;
55                 }
56                 case 3: {
57                     System.out.println("Program Terminated Sucessfully");
58                     break;
59                 }
60                 default: {
61                     System.out.println("Enter Valid Input");
62                 }
63             }
64         } while (n != 5);
65         sc.close();
66     }
67 }
```

Console Output:

```
FileHandler [Java Application] C:\Users\Manish Kumar\p2\pool\plugins\org.eclipse.justi.openjdk hotspot.jre.full.win32.x86_64_16.0.2
Welcome to the File Handler 1.0 by Manish Kumar
In this program you are having some options to select from
Select 1 : If you want to retrieve all the files inside main folder
Select 2 : If you want to display secondary Menu to Perform File Operations
Select 3 : If you want to End the Program
1
Demo File .txt
Rich Test.rtf
ZipCode.zip
Welcome to the File Handler 1.0 by Manish Kumar
In this program you are having some options to select from
Select 1 : If you want to retrieve all the files inside main folder
Select 2 : If you want to display secondary Menu to Perform File Operations
Select 3 : If you want to End the Program
```