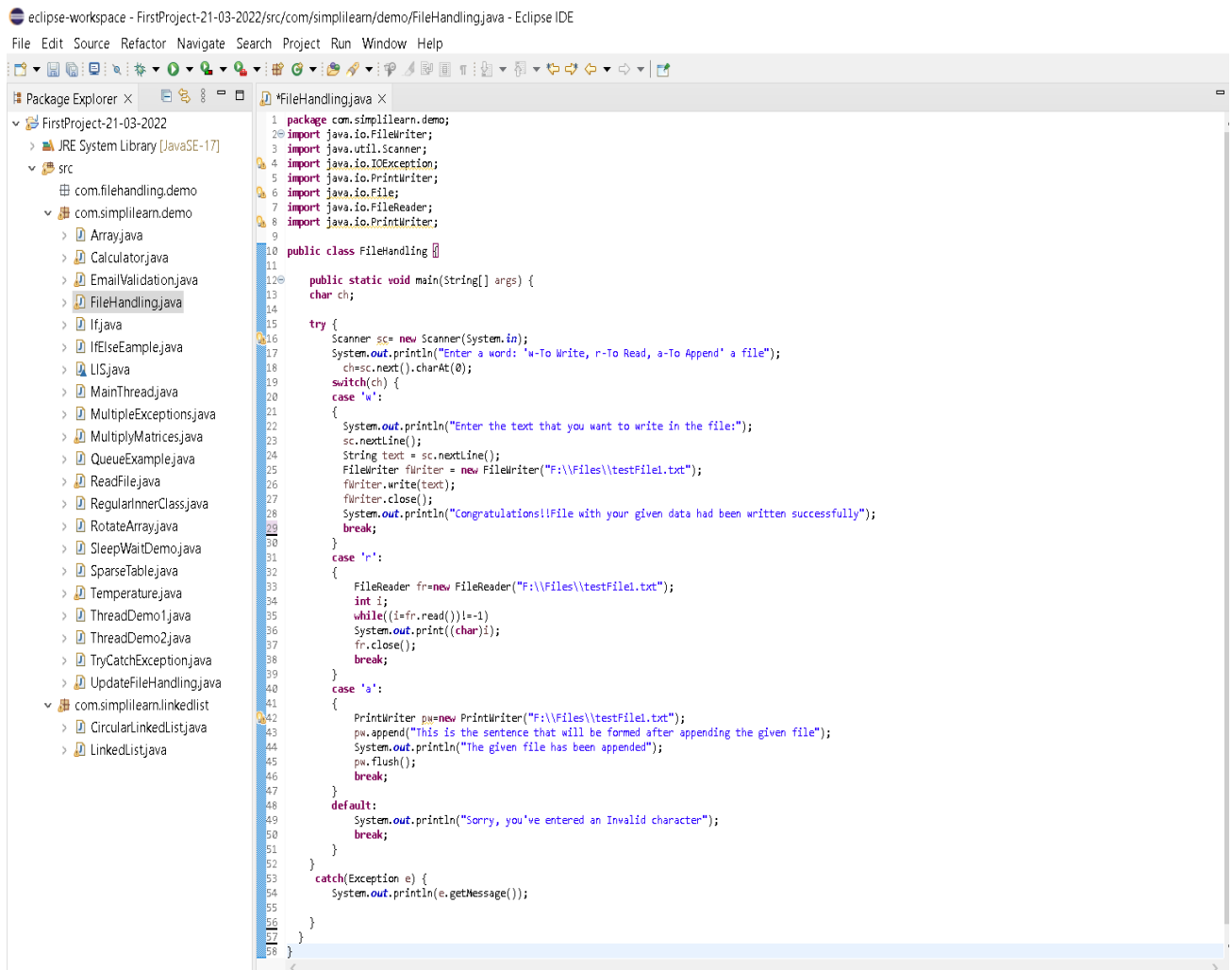


# Sourcecode:



```
1 package com.simplilearn.demo;
2 import java.io.*;
3 import java.util.Scanner;
4 import java.io.IOException;
5 import java.io.PrintWriter;
6 import java.io.File;
7 import java.io.FileReader;
8 import java.io.PrintWriter;
9
10 public class FileHandling {
11
12     public static void main(String[] args) {
13         char ch;
14
15         try {
16             Scanner sc = new Scanner(System.in);
17             System.out.println("Enter a word: 'w-To Write, r-To Read, a-To Append' a file");
18             ch = sc.next().charAt(0);
19             switch(ch) {
20                 case 'w':
21                     {
22                         System.out.println("Enter the text that you want to write in the file:");
23                         sc.nextLine();
24                         String text = sc.nextLine();
25                         FileWriter fw = new FileWriter("F:\\Files\\testFile.txt");
26                         fw.write(text);
27                         fw.close();
28                         System.out.println("Congratulations!!File with your given data had been written successfully");
29                         break;
30                     }
31                 case 'r':
32                     {
33                         FileReader fr = new FileReader("F:\\Files\\testFile.txt");
34                         int i;
35                         while((i = fr.read()) != -1)
36                             System.out.print((char)i);
37                         fr.close();
38                         break;
39                     }
40                 case 'a':
41                     {
42                         PrintWriter pw = new PrintWriter("F:\\Files\\testFile.txt");
43                         pw.append("This is the sentence that will be formed after appending the given file");
44                         System.out.println("The given file has been appended");
45                         pw.flush();
46                         break;
47                     }
48                 default:
49                     System.out.println("Sorry, you've entered an Invalid character");
50                     break;
51             }
52         } catch (Exception e) {
53             System.out.println(e.getMessage());
54         }
55     }
56 }
57
58 }
```

## Output:

### 1.Writing inside a file:

```
FileHandling [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 29, 2022, 10:50:19 PM) [pid: 16504]
Enter a word: 'w-To Write, r-To Read, a-To Append' a file
w
Enter the text that you want to write in the file:
Hey!! I'm Niladri and I've Written inside this file.
```

## 2. Reading what's there inside a file:

```
<terminated> FileHandling [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 29, 2022, 11:08 PM - 11:08 PM) [pid: 19344]  
Enter a word: 'w-To Write, r-To Read, a-To Append' a file  
r  
Hey!! Hello I've written indide the file
```

## 3. Appending the file:

```
<terminated> FileHandling [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 29, 2022, 11:10:08 PM - 11:10:12 PM) [pid: 19344]  
Enter a word: 'w-To Write, r-To Read, a-To Append' a file  
a  
The given file has been appended
```

## 4. If the user puts any other character than what was given in the program:

```
<terminated> FileHandling [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (Mar 29, 2022, 11:12:39 PM - 11:12:44 PM) [pid: 9972]  
Enter a word: 'w-To Write, r-To Read, a-To Append' a file  
b  
Sorry, you've entered an Invalid character
```