

```
1 package virtualKey;
2
3 import java.io.*;
4 import java.nio.file.Files;
5 import java.nio.file.Path;
6 import java.nio.file.Paths;
7 import java.util.*;
8
9
10
11 public class fileHandling {
12
13     public static boolean isFileExist() {
14         File file = new File("Main");
15         if(file.exists()) {
16             return true;
17         }
18         return false;
19     }
20     public static boolean createFolder() {
21         File file = new File("Main");
22         return file.mkdirs();
23     }
24     public static void DisplayFiles(){
25         File file = new File("Main");
26         String string[] = file.list();
27         if(string != null)
28             Arrays.sort(string);
29         DisplayClass.PrintFiles(string);
30     }
31     public static void DeleteAFile(String fileName) {
32         File file = new File("Main/"+fileName);
33         if(file.exists()) {
34             if(file.delete()) {
35                 System.out.println(fileName+" File Successfully Deleted");
36             }
37         }
38         else {
39             System.out.println(fileName+" File does not Exist");
40         }
41     }
42
43     public static void AddFile(String fileName) {
44         Path path = new path("Main");
45         Path path = Paths.get("./Main/"+fileName);
46         File file = new File("./Main/"+fileName);
47         if(!file.exists()) {
48             try {
49                 Files.createDirectories(path.getParent());
50                 Files.createFile(path);
51                 if(file.exists()) {
52                     System.out.println(fileName+" File Successfully Created");
53                 }
54             } catch (Exception e) {
55                 e.printStackTrace();
56                 System.out.println(e.getMessage()+" "+e.getCause());
57             }
58         }
59     }
60 }
```

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58     }
59     else {
60         System.out.println(fileName+" File Already Exist");
61     }
62 }
63 public static void SearchAFile(String fileName) {
64     File file = new File("Main/"+fileName);
65     if(file.exists()) {
66         System.out.println(fileName+" File found in Main Directory");
67     }
68     else {
69         System.out.println(fileName+" File not found in Main Directory");
70     }
71 }
72
73 }
74
```