```java
package mypackage;
import java.io.File;

public class FileHandling {
    static final String ProjectPath="C:\\Users\\rupad\\eclipse-workspace\\Simplilearn Learning\\Day08Proj1\\src\\mypackage";

    public static void main(String[] args) throws IOException
    {
        // TODO Auto-generated method stub
        Scanner Obj=new Scanner(System.in);
        int choice;
        do
        {
        displayMenu();
        System.out.println("Enter your choice");
        choice=Integer.parseInt(Obj.nextLine());
        switch(choice)
        {
        case 1:getallfiles();
        break;
        case 2:createfile();
        break;
        case 3:deletefiles();
        break;
        case 4:searchfiles();
        break;
        case 5:System.exit(0);
        break;
     default:System.out.println("invalid option");
     break;
        }
        Obj.next();
        }
        while(choice>0);


    }
    public static void displayMenu()
    {


        System.out.println("Name:rupad\t\t");
        System.out.println("1 To display all the files");
        System.out.println("2.Adding files to the existing directory");
        System.out.println("3.Deleting the file");
        System.out.println("4.Searching the file");
        System.out.println("5.Exit");
        System.out.println
  ("*****************************************************");
    }

    public static void getallfiles()

    {
        File[] listoffiles=new File(ProjectPath).listFiles();
        if(listoffiles.length==0)
            System.out.println("No files exist in the directory");
        else
```

```
61          {
62              for(var l:listoffiles)
63              {
64                  System.out.println(l.getName());
65              }
66          }
67
68
69
70      }
71      public static void createfile() throws IOException
72      {
73          try
74          {
75          Scanner obj=new Scanner(System.in);
76          String fileName;
77          int linesCount;
78
79          System.out.println("Enter the filename");
80          fileName=obj.nextLine();
81          System.out.println("Enter how many line you want to add in the file");
82          linesCount=Integer.parseInt(obj.nextLine());
83          FileWriter fw=new FileWriter(ProjectPath+"\\"+fileName);
84
85              for(int i=1;i<=linesCount;i++)
86              {
87              System.out.println("Enter the content");
88              fw.write(obj.nextLine()+"\n");
89              }
90              System.out.println("File was created ");
91              fw.close();
92          }
93          catch(Exception ex)
94          {
95              System.out.println("some error occured");
96          }
97
98      }
99      public static void deletefiles()
100     {
101         Scanner obj=new Scanner(System.in);
102         try
103         {
104             String fileName;
105             System.out.println("Enter the filename to delete");
106             fileName=obj.nextLine();
107
108             File fileName1=new File(ProjectPath+"\\"+fileName);
109             if(fileName1.exists())
110             {
111                 fileName1.delete();
112                 System.out.println("File deleted successfully");
113             }
114             else
115             {
116             System.out.println("file doesn't exists");
117             }}
118             catch(Exception ex)
119             {
```

```
120
121                 System.out.println("Exception error");
122         }
123     }
124     public static void searchfiles()
125     {
126         //search Files
127
128             Scanner Obj=new Scanner(System.in);
129             try
130             {
131                 String fileName;
132                 System.out.println("Enter the filename to search");
133                 fileName=Obj.nextLine();
134
135                 File fileName1=new File(ProjectPath+"\\"+fileName);
136                 if(fileName1.exists())
137                 {
138                     System.out.println(" file was searched");
139                 }
140                 else
141                 {
142                 System.out.println("File doesn't exists");
143                 }}
144                 catch(Exception ex)
145                 {
146
147                     System.out.println("Exception error");
148             }
149         }
150     }
151
152
153
```