```java
1 package com.company.lockers;
2 import java.io.File;
3
4 import java.io.FileNotFoundException;
5 import java.io.FileWriter;
6 import java.util.ArrayList;
7 import java.util.List;
8 import java.util.Scanner;
9 import com.company.singleton.ScannerObject;
10
11 class Employee
12 {
13     private int eId;
14     private String ename;
15     private float esal;
16
17     Employee(int eid,String ename,float esal )
18     {
19         this.eId=eid;
20         this.ename=ename;
21         this.esal=esal;
22     }
23
24     public int getEid()
25     {
26         return eId;
27     }
28
29     public String getEname()
30     {
31         return ename;
32     }
33
34     public float getEsal()
35     {
36         return esal;
37     }
38
39     public String toString()
40     {
41         return "Employee Id : "+eId+"\n"
42                 +"Employee Name : "+ename+"\n"
43                 +"Employee Salary : "+esal+"\n";
44
45     }
46 }
47
48
49 public class LockedMe {
50     public static Scanner obj;
51     public static String fname;
52     public static File[] file_names=new File("E:\\springframework\\core\\eclipse"
53             + "\\Session1\\JavaPhase1_FinalProject\\"
54             + "CompanyLockersProject\\src\\com\\company\\lockers\\"
55             + "dataFiles").listFiles();
56     public static ArrayList<String> list_filenames=new ArrayList<String>();
57     static
```

```java
 58     {
 59         obj=ScannerObject.getScannerObj();
 60     }
 61     public static void display_msg(String message)
 62     {
 63         System.out.println(message);
 64     }
 65
 66     public static void display_menu()
 67     {
 68         //System.out.println("press<Enter> to display Main Menu");
 69         obj.nextLine();
 70         System.out.println("\t*************************************************");
 71         System.out.println("\t\tProject Name: LockedMe");
 72         System.out.println("\t\tDeveloper Name : Harjeet Singh Kainth");
 73         System.out.println("\t*************************************************");
 74         System.out.println("\t\t1. Display File Names");
 75         System.out.println("\t\t2. Create File.");
 76         System.out.println("\t\t3. Delete File.");
 77         System.out.println("\t\t4. Search File.");
 78         System.out.println("\t\t5. Exit option");
 79
 80         System.out.println("\t*************************************************");
 81     }
 82
 83     public static void getFileNames() throws InterruptedException
 84     {
 85
 86         System.out.println("\t\tList of Files");
 87         System.out.println("\t\t************");
 88         for(File fname:file_names)
 89         {
 90             System.out.println("\t\t"+fname.getName());
 91         }
 92         System.out.println("press<Enter>back to Main Menu");
 93         obj.nextLine();
 94     }
 95     public static void createFile()
 96     {
 97
 98         int option=1;
 99         int eid=0;
100         String ename;
101         float esal=0;
102         Employee eobj;
103         int nrec=0;
104         obj.nextLine();
105         System.out.println("Enter How many records you want to enter ");
106         nrec=obj.nextInt();
107         do {
108
109             System.out.println("*************************");
110             System.out.println("Enter Employee Id : \n");
111             eid=obj.nextInt();
112             System.out.println("Enter Employee Name : ");
113             ename=obj.next();
114             System.out.println("Enter Employee Salary : ");
```

```java
115             esal=obj.nextInt();
116             System.out.println("*************************");
117             eobj=new Employee(eid,ename,esal);
118             try {
119                 // Creates a FileWriter
120                 FileWriter fw=new FileWriter("E:\\springframework\\core\\eclipse\\Session1\
    \JavaPhase1_FinalProject\\CompanyLockersProject\\src\\com\\company\\lockers\\dataFiles\
    \EmployeeDetails.txt",true);
121
122                 // Writes the string to the file
123
124             fw.write(eobj.toString());
125
126                 // Closes the writerEmployee - Copy
127             fw.close();
128
129             }
130
131             catch (Exception e) {
132               e.printStackTrace();
133
134             }
135     } while (++option<=nrec);
136     System.out.println("press<Enter>back to Main Menu");
137     obj.nextLine();
138   }
139
140
141   public static void deleteFile()
142   {
143
144     //display_msg("*********************************");
145     System.out.println("*********************************");
146     System.out.println("Enter the File Name to be deleted : ");
147     //display_msg("Enter the File Name to be deleted : ");
148     System.out.println("*******************************");
149     //display_msg("*********************************");
150     fname=obj.next();
151     System.out.println(fname);
152     try
153     {
154         File file = new File("E:\\springframework\\core\\eclipse\\Session1\
    \JavaPhase1_FinalProject\\CompanyLockersProject\\src\\com\\company\\lockers\\dataFiles\
    \"+fname);
155
156         if(file.exists())
157         {
158             file.delete();
159             System.out.println("File deleted successfully");
160         }
161         else
162         {
163             System.out.println("File does not exist");
164         }
165     }
166     catch(Exception e)
167     {
```

```java
168                e.printStackTrace();
169            }
170        System.out.println("press<Enter>back to Main Menu");
171        obj.nextLine();
172    }
173    public static void searchFile()
174    {
175        boolean flag=false;
176        //obj.nextLine();
177        System.out.println("*********************************");
178        System.out.println("Enter the File Name to be searched : ");
179        System.out.println("*********************************");
180        fname=obj.next();
181        System.out.println(fname);
182
183        for(File fn:file_names)
184        {
185            list_filenames.add(fn.getName());
186        }
187
188        if(list_filenames.contains(fname))
189        {
190            System.out.println("File is available");
191            System.out.println("press<Enter>back to Main Menu");
192            obj.nextLine();
193        }
194        else
195        {
196            System.out.println("File does not exist");
197            System.out.println("press<Enter>back to Main Menu");
198            obj.nextLine();
199        }
200    }
201    public static void main(String[] args) throws Exception{
202
203        int menu_option=5;
204
205        do
206        {
207            display_menu();
208            menu_option=obj.nextInt();
209            switch(menu_option)
210            {
211            case 1: getFileNames();break;
212            case 2: createFile();break;
213            case 3: deleteFile();break;
214            case 4: searchFile();break;
215            case 5: System.exit(0);
216            default: break;
217            }
218        }while(menu_option <5);
219    }
220 }
221
222
```