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| **SimpliLearn Phase 1 Project: Company Lockers Pvt. Ltd.**  **LockedMe Console Application**  **Submitted by: KAVIN K R** |
| Date of submission : 05-09-2022  GitHub Project Repository URL : <https://github.com/kavink-r/SimpliLearn-Phase1-Project.git> |
| **Sprints Planned:**  Sprint 1: Welcome Screen and Display of all files functionality.  Sprint 2: Create a new file functionality.  Sprint 3: Delete a file functionality.  Sprint 4: Search for a file and exit functionality. |
| LockedMe.java |
| **package** lockedMe.com;  **import** java.io.File;  **import** java.io.FileWriter;  **import** java.io.IOException;  **import** java.util.LinkedList;  **import** java.util.Scanner;  **public** **class** LockedMe {  **public** **static** **final** String ***FILES\_PATH*** = "D:\\Kavin\\SimpliLearn-Phase1-Project\\Files";  **public** **static** **void** welcomeScreen()  {  System.***out***.println("\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.***out***.println("\tWelcome to LockedMe.com secure App");  System.***out***.println("\tDeveloped by: KAVIN K R");  System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.***out***.println("\n\nENTER YOUR CHOICE:");  System.***out***.println("\n1. Display all files");  System.***out***.println("2. Create a new file");  System.***out***.println("3. Delete a file");  System.***out***.println("4. Search a file");  System.***out***.println("5. Exit");  }  **public** **static** **void** getAllFiles()  {  File folder = **new** File(***FILES\_PATH***);  File[] listOfFiles = folder.listFiles();  **if**(listOfFiles.length>0) {  System.***out***.println("The file list is displayed below:");  **for**(**var** a:listOfFiles) {  System.***out***.println(a.getName());  }  }  **else** {  System.***out***.println("\n------------------The Folder is empty!!------------------");  }  }  **public** **static** **void** createNewFiles(){  **try** {  Scanner sc = **new** Scanner (System.***in***);  String filename;  System.***out***.println("Enter the file name to be created:");  filename = sc.nextLine();  **int** linescount;  System.***out***.println("Enter the number of line to be written:");  linescount =Integer.*parseInt*(sc.nextLine());    FileWriter fw = **new** FileWriter(***FILES\_PATH***+"\\"+filename);  **for**(**int** i=0;i<linescount;i++) {  System.***out***.println("Enter the content to be written in the file");  fw.write(sc.nextLine()+ "\n");  }  System.***out***.println("Content written successfully!!");  fw.close();  } **catch** (IOException e) {    e.printStackTrace();  }    }  **public** **static** **void** deleteFile() {  **try**  {  Scanner sc = **new** Scanner(System.***in***);  System.***out***.println("Enter the filename to be deleted:");  String filename = sc.nextLine();  File f = **new** File(***FILES\_PATH***+"\\"+filename);  **if**(f.exists()) {  f.delete();  System.***out***.println("File deleted Successfully!!");  }  **else** {  System.***out***.println("File does not exists!!");  }  }  **catch**(Exception e) {    }  }  **public** **static** **void** searchFile() {  **try**  {  LinkedList<String> filenames = **new** LinkedList<String>();  Scanner obj= **new** Scanner(System.***in***);  String filename;  System.***out***.println("Enter the file to be searched for:");  filename=obj.nextLine();  File[] listOfFiles = **new** File(***FILES\_PATH***).listFiles();  **for**(File f:listOfFiles) {  filenames.add(f.getName());  }  **if**(filenames.contains(filename)) {  System.***out***.println("The file is available!!!");  }  **else** {  System.***out***.println("The file is not available!!!");  }    }  **catch**(Exception e)  {    }  }  } |
| ClientApp.java |
| **package** lockedMe.com;  **import** java.util.Scanner;  **public** **class** ClientApp {  **public** **static** **void** main(String[] args) {  **int** choice;  Scanner sc = **new** Scanner(System.***in***);  **do** {  LockedMe.*welcomeScreen*();  choice = Integer.*parseInt*(sc.nextLine());  **switch**(choice)  {  **case** 1:  LockedMe.*getAllFiles*();  **break**;  **case** 2:  LockedMe.*createNewFiles*();  **break**;  **case** 3:  LockedMe.*deleteFile*();  **break**;  **case** 4:  LockedMe.*searchFile*();  **break**;  **case** 5:  System.*exit*(0);  **break**;  **default**:  **break**;  }      }**while**(choice>0);  sc.close();  }    } |