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| LockedMe Project Submission  By  Venkatesan Arumugam |

Date of Submission: 01-JULY-2022

Source Code Git Location:

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| **LockedMe Project Source Code:**  **package** com.company.locker;  **import** java.io.File;  **import** java.io.FileWriter;  **import** java.io.IOException;  **import** java.nio.file.Files;  **import** java.util.Scanner;  **public** **class** LokedMe  {  **private** **static** **final** String ***ProjectPath*** = "E:\\Simply learn\\Phase1-Project\\LockedMe";  **public** **static** **void** displayMenu()  {  System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.***out***.println("\tWelcome to Company Lockers Pvt. Ltd :- LockedMe.com");  System.***out***.println("\tDeveloper Name : Venkatesan Arumugam");  System.***out***.println("^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^");  System.***out***.println("\t1.Get all the File");  System.***out***.println("\t2.Create a new file");  System.***out***.println("\t3.Delete a file");  System.***out***.println("\t4.Serch a file");  System.***out***.println("\t5.Exit");  System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  }    **public** **static** **void** getAllFiles()  {    File folder = **new** File(***ProjectPath***);    File [] ListOfFiles = folder.listFiles();    //File [] ListOfFile = new File(ProjectPath).listFiles();    **if** (ListOfFiles.length==0)  {  System.***out***.println("There is no file in the directory");  }  **else**  {  System.***out***.println("Retrival All Files ");  //for(var l : ListOfFiles)  **for**(File l : ListOfFiles)  {  System.***out***.println(l.getName());  }  }    }  **public** **static** **void** createNewFiles()  {  System.***out***.println("New File Creation");      **try** {Scanner scan = **new** Scanner(System.***in***);    String fileName;  **int** LinesCount;    System.***out***.println("Enter the File Name : ");  fileName = scan.nextLine();  System.***out***.println("Enter the LinesCount: ");  //LinesCount = Integer.parseInt(scan.nextInt());  LinesCount=Integer.*parseInt*(scan.nextLine());    FileWriter fw = **new** FileWriter(***ProjectPath***+"\\"+fileName);    **for**(**int** i =1; i<=LinesCount; i++)  {  System.***out***.println("Enter the content : ");  fw.write(scan.nextLine());    }  System.***out***.println("New file Created Successfully");  fw.close();    } **catch** (IOException e) {    System.***out***.println(e);  }      }  **public** **static** **void** deleteFile()  {  System.***out***.println("File Deletion");    Scanner scan = **new** Scanner(System.***in***);  String fileName;  System.***out***.println("Enter the file name : ");    fileName = scan.nextLine();    File f = **new** File(***ProjectPath***+"\\"+fileName);    **if**(f.exists())  {  f.delete();  System.***out***.println("File deleted successfully");  }  **else**  {  System.***out***.println("File is not exist");  }      }  **public** **static** **void** searchFiles()  {  System.***out***.println("To Search a file");    Scanner scan = **new** Scanner(System.***in***);  **try** {  String fileName;    System.***out***.println("Enter the File Name : ");    fileName = scan.nextLine();    File f = **new** File(***ProjectPath***+"\\"+fileName);    **if**(f.exists())  {  System.***out***.println("File is Available : "+f.getName());  }  **else**  {  System.***out***.println("File is not Available");  }  }  **catch**(Exception e)  {  System.***out***.println(e);  }  }    **public** **static** **void** main(String[] args)  {    Scanner scan = **new** Scanner(System.***in***);    **int** m;  **try** {  **do** {  *displayMenu*();    System.***out***.println("Enter your choise : ");  m = Integer.*parseInt*(scan.nextLine());    **switch** (m)  {  **case** 1: *getAllFiles*();  **break**;  **case** 2 : *createNewFiles*();  **break**;  **case** 3 : *deleteFile*();  **break**;  **case** 4 : *searchFiles*();  **break**;  **case** 5 : System.*exit*(0);  **break**;  **default** : System.***out***.println("Invalid option");  }  }**while**(m>0);  }  **catch**(Exception e)  {  System.***out***.println(e);  }  }  }  **Screen Shots:** |
| **1.Main Menu:** |
| **2. Display All Files:**  **E:\Simply learn\Phase1-Project\1.GetAllFiles.PNG** |
| **3.Create New File:**  **E:\Simply learn\Phase1-Project\2.CreateNewFile.PNG** |
| **4.Delete File:**  **E:\Simply learn\Phase1-Project\3.DeleteFile.PNG** |
| **5. Search Files:**  **E:\Simply learn\Phase1-Project\4.SearchFile.PNG** |
| **6.Invalid Option:**  **E:\Simply learn\Phase1-Project\Default-InvalidOption.PNG** |
| **7. Number Format Exception:**  **E:\Simply learn\Phase1-Project\FormateException.PNG** |
| **8. Exit:** |
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