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| Student name | Arun Rawat |
| Project Name | LockedMe Project |
| Phase and Batch | Java FSD Phase-1Feb-mar 2022 batch(Batch id: ) |

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| Technology |
| Java Programming |
| Java Concepts Used |
| Files Concept  Control structures  Java Collections  Exception Handling  Java Object Oriented Concepts  Naming Standards  Re-Usability  Functions  Access Modifiers |
| Project Folder Structure |
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| Source Code |
| **LockedME.java** |
| package SimplilearnFinalProject;  import java.io.File; import java.io.FileWriter; import java.util.ArrayList; import java.util.Scanner; public class LockedMe {  static final String *projectfilespath* = "D:\\ArunRawat";   public static void displayMenu() {  System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.*out*.println("\t Welcome to LockedMe.com secure app");  System.*out*.println("\t Developed by : Arun Rawat");  System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.*out*.println("\t1.Display all files");  System.*out*.println("\t2.Add a new file");  System.*out*.println("\t3.Delete a file");  System.*out*.println("\t4.Search a file");  System.*out*.println("\t5.Exit");  System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  }   public static void getAllFiles() {  File folder = new File(*projectfilespath*); //creating a object of file  File[] listoffiles = folder.listFiles(); // take input of list of files into an array whose name is listoffiles  if (listoffiles.length > 0) {  for (var l : listoffiles) {  System.*out*.println(l.getName());  }  } else {  System.*out*.println("The folder is empty:");  }  }    public static void createFiles() {  try {  Scanner obj = new Scanner(System.*in*);  System.*out*.println("Enter file name:");  String filename = obj.nextLine();  int linescount;  System.*out*.println("Enter how many lines in the file:");  linescount = Integer.*parseInt*(obj.nextLine());  FileWriter fw = new FileWriter(*projectfilespath* + "\\" + filename);  //used write function for to write in file  for (int i = 1; i <= linescount; i++) {  System.*out*.println("Enter file line:");  fw.write(obj.nextLine() + "\n");  }  System.*out*.println("File created Successfully");  fw.close();  } catch (Exception Ex) {   }  }   public static void deleteFile() {  try {  Scanner obj = new Scanner(System.*in*);  System.*out*.println("Enter the name of file to be deleted");  String filename = obj.nextLine();  File f = new File(*projectfilespath* + "\\" + filename);  if (f.exists()) {  f.delete();  System.*out*.println("File delete successfully");  } else {  System.*out*.println("File does not exist");  }  } catch (Exception Ex) {  System.*out*.println("Unable to detect delete file.please contact: admin@123");  }  }    public static void searchFiles() {  try {  Scanner obj = new Scanner(System.*in*);  System.*out*.println("Enter the name of searching file");  String filename = obj.nextLine();  // get all the file name into a list  ArrayList<String> allfilenames = new ArrayList<String>();  File folder = new File(*projectfilespath*);  File[] listoffiles = folder.listFiles();  if (listoffiles.length > 0) {  for (var l : listoffiles) {  //allfilenames.add(l.getName());  var z = l.getName();  allfilenames.add(z);  }  }  File f = new File(*projectfilespath* + "\\" + filename);  if (allfilenames.contains(filename)) {  System.*out*.println("File is available");  } else {  System.*out*.println("File is not available");  }  } catch (Exception EX) {   }  }  } |
| **ClientApp.Java** |
| package SimplilearnFinalProject; import java.util.Scanner; public class ClientApp {  public static void main(String[] args) {  Scanner obj = new Scanner(System.*in*);  int choice;  do {  LockedMe.*displayMenu*();  System.*out*.println("Enter your choice:");  choice = Integer.*parseInt*(obj.nextLine());  switch (choice) {  case 1:  LockedMe.*getAllFiles*();  break;  case 2:  LockedMe.*createFiles*();  break;  case 3:  LockedMe.*deleteFile*();  break;  case 4:  LockedMe.*searchFiles*();  break;  case 5:  System.*exit*(0);  break;  default:  System.*out*.println("Invalid option");  break;  }  }  while (choice > 0);  obj.next();  obj.close();   }   } |
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| **Project Screen Shot** |
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# Github Project