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|---|---|
| Full Name | Siyyadri Prasanth Sai |
| Batch | **MS FSD DEC 2021 Cohort 1** |
| Student Id | prasanthsiyyadrisai@gmail.com |
| Project Title | LockedMe.com |
| Project Submission Date | 23-01-2022 |

Source Code

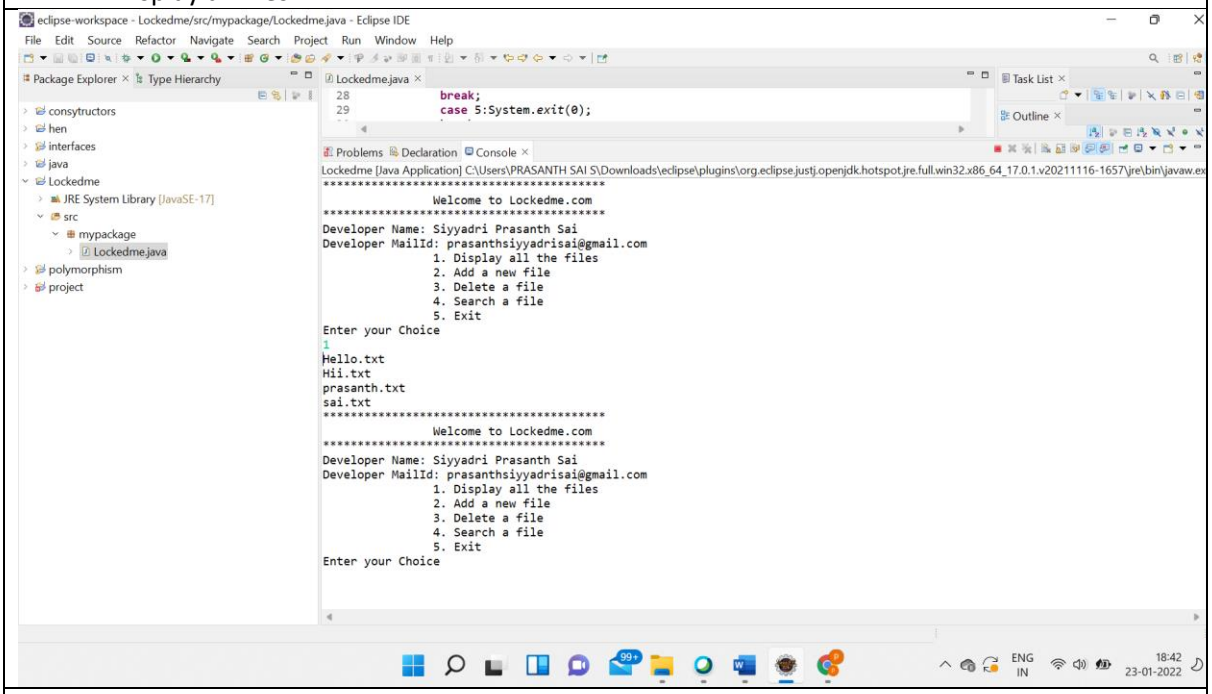
```
package mypackage;

import java.io.File;
import java.io.FileWriter;
import java.util.LinkedList;
import java.util.Scanner;

public class Lockedme {

	static final String projectfilespath = "C:\\Lockedme";
	static final String errorMessage = "Some error occured please contact
admin";
	public static void main(String[] args) {
		Scanner obj = new Scanner(System.in);
		int ch;
		do {
			displayMenu();
			System.out.println("Enter your Choice");
			ch = Integer.parseInt(obj.nextLine());
			switch(ch)
			{
			case 1:getAllFiles();
			break;
			case 2:createFiles();
			break;
			case 3:deleteFiles();
			break;
			case 4:searchFiles();
			break;
			case 5:System.exit(0);
			break;
			default:System.out.println("Invalid Option");
			break;
			}
		}
		while(ch>0);
		obj.close();

	}

	public static void displayMenu() {

		System.out.println("****************************************");
		System.out.println("\t\tWelcome to Lockedme.com");
		System.out.println("****************************************");
		System.out.println("\t\t1. Display all the files");
		System.out.println("\t\t2. Add a new file");
		System.out.println("\t\t3. Delete a file");
		System.out.println("\t\t4. Search a file");
		System.out.println("\t\t5. Exit");
	}

	public static void getAllFiles() {
		try
		{
		File folder = new File(projectfilespath);
		File[] listOfFiles = folder.listFiles();
		if(listOfFiles.length == 0){
```

```
                        System.out.println("Files not existed");
                }
                else {
                for(var l:listOfFiles) {
                        System.out.println(l.getName());
                }
        }
        }

        catch(Exception Ex) {
                System.out.println(errorMessage);
        }
}
        public static void createFiles() {
                try
                {
                Scanner obj = new Scanner(System.in);
                String fileName;
                System.out.println("Enter file name");
                fileName = obj.nextLine();
                int linesCount;
                System.out.println("Enter how many lines in a file");
                linesCount = Integer.parseInt(obj.nextLine());
                FileWriter myWriter = new FileWriter(projectfilespath + "\\" +
fileName);
                for(int i = 1 ; i<= linesCount ; i++) {
                        System.out.println("Enter File lines");
                        myWriter.write(obj.nextLine()+"\n");
                }
                System.out.println("File created successfully");
                myWriter.close();
                obj.close();
                }
                catch(Exception Ex){
                        System.out.println(errorMessage);
                }

        }
        public static void deleteFiles() {
                Scanner obj = new Scanner(System.in);
                try
                {
                String fileName;

                System.out.println("Enter file name to be deleted");
                fileName = obj.nextLine();
                File file = new File(projectfilespath + "\\" + fileName);
                if(file.exists()) {
                        file.delete();
                        System.out.println("File deleted successfully");
                }
                else {
                        System.out.println("File not exists");
                }
        }
        catch(Exception Ex) {
                System.out.println(errorMessage);
        }
                finally {
```

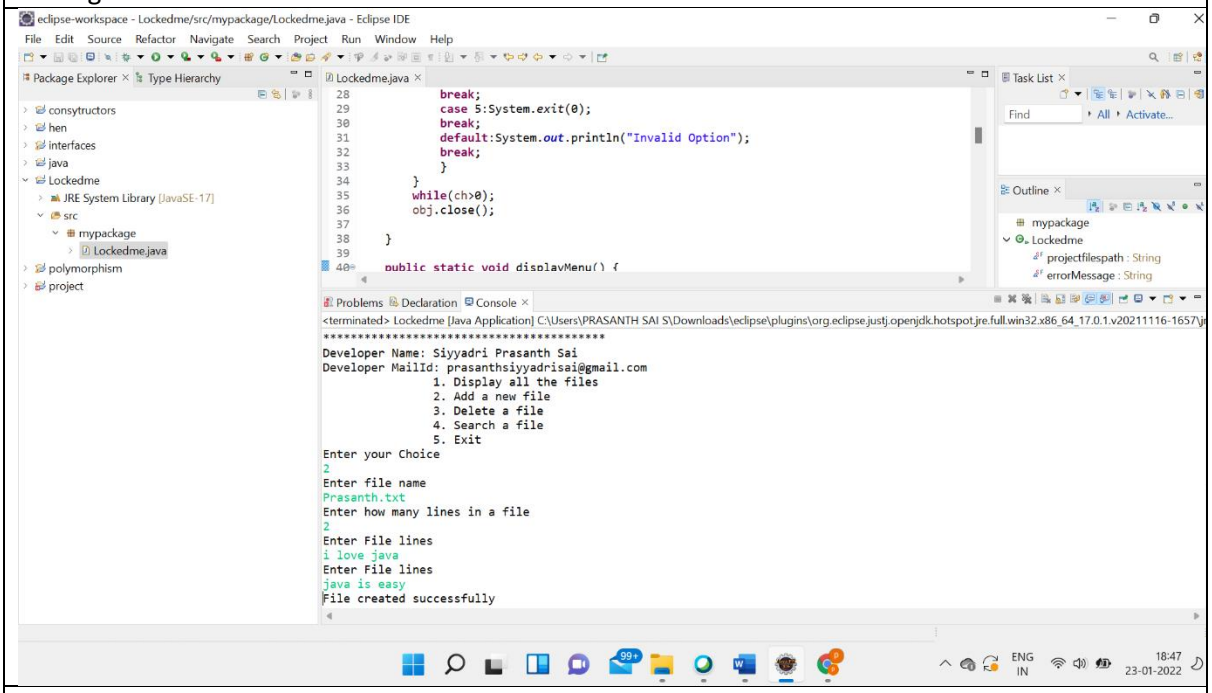
```
                    obj.close();
            }
}
      public static void searchFiles() {
            Scanner obj = new Scanner(System.in);
            try
            {
            String fileName;

            System.out.println("Enter file name to be searched");
            fileName = obj.nextLine();
            File folder = new File(projectfilespath);
            File[] listOfFiles = folder.listFiles();
            LinkedList<String> filenames = new LinkedList<String>();
            for(var l:listOfFiles)
                  filenames.add(l.getName());

            if(filenames.contains(fileName))
                  System.out.println("File is available");
            else
                  System.out.println("File is not available");

      }
      catch(Exception Ex) {
            System.out.println(errorMessage);
      }
            finally {
                  obj.close();
            }
}
      }
```

Screen Shots

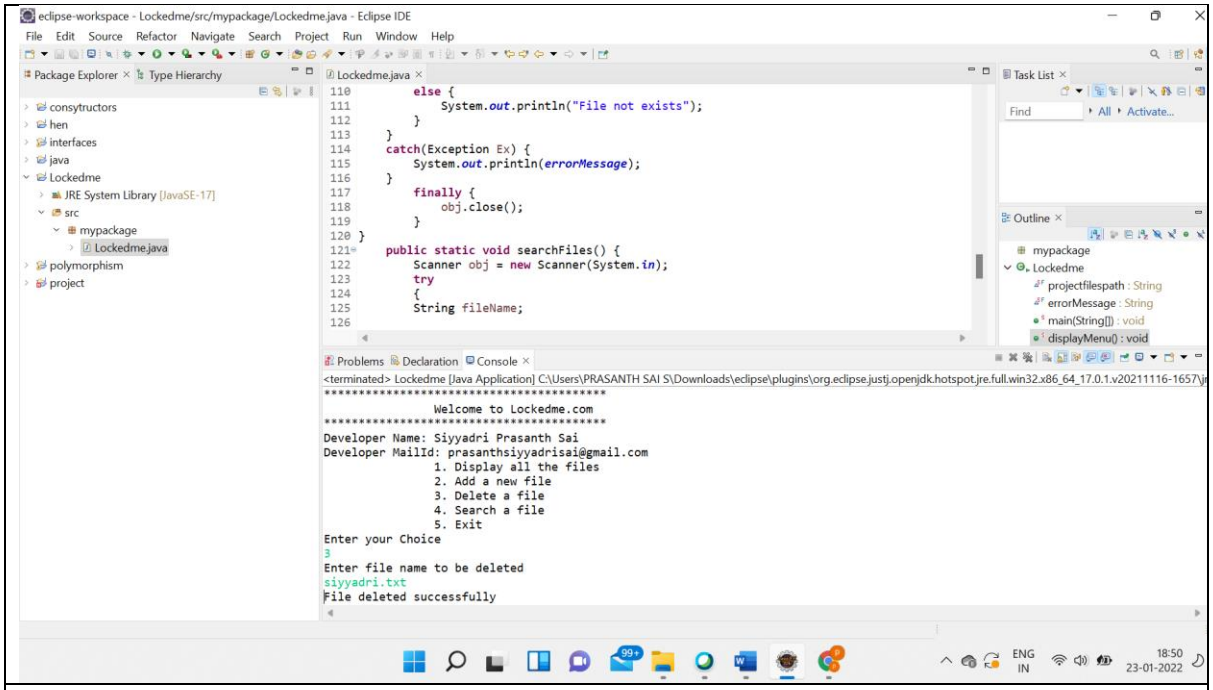
1. Display all files



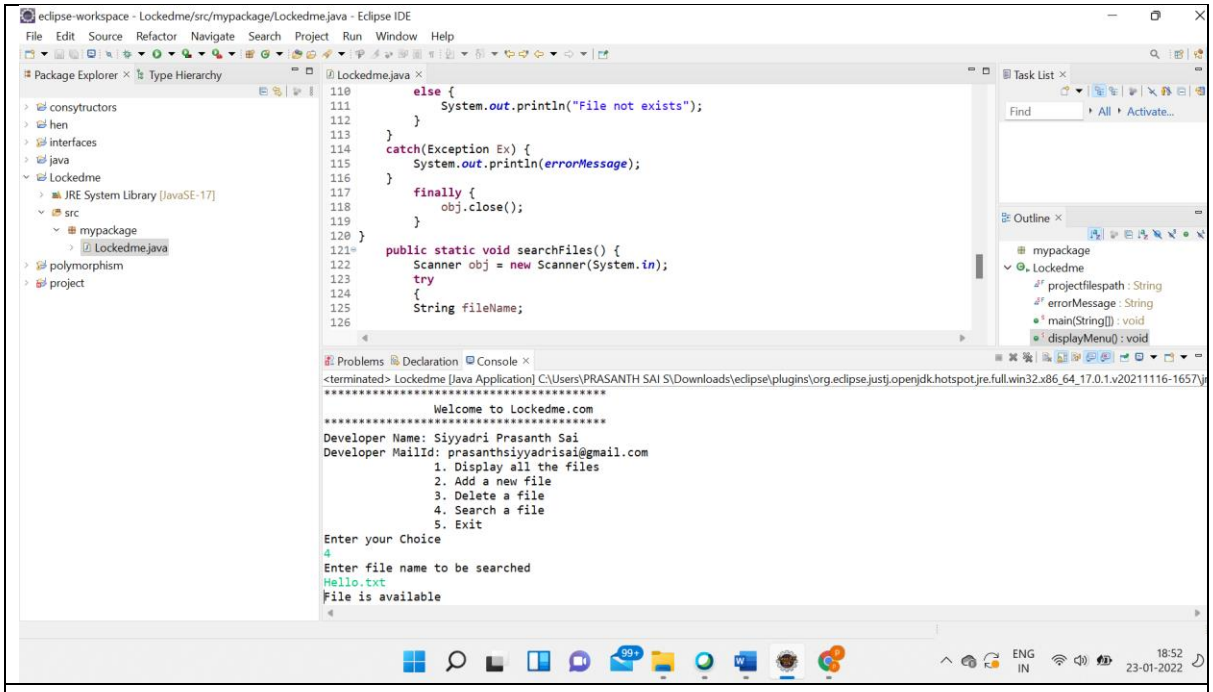

Adding a File



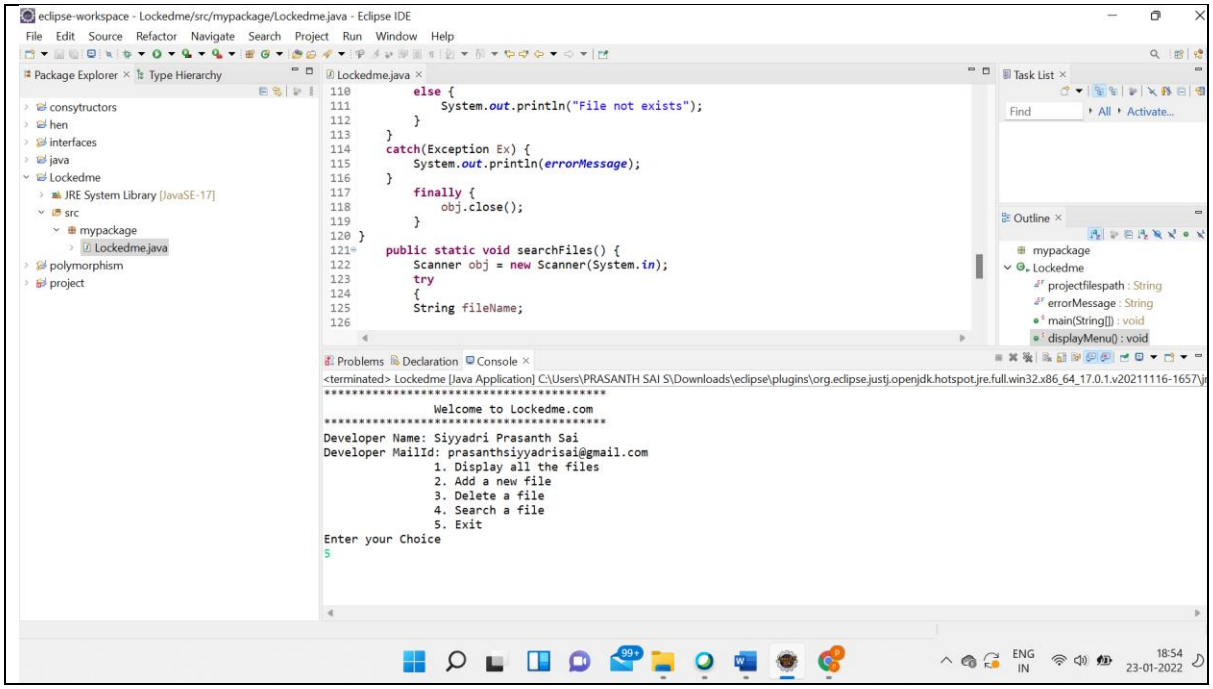

Deleting a File




Searching a File




Exit


eclipse-workspace - Lockedme/src/mypackage/Lockedme.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Type Hierarchy
consytructors
hen
interfaces
java
Lockedme
JRE System Library [JavaSE-17]
src
mypackage
Lockedme.java
polymorphism
project
Lockedme.java
else {
System.out.println("File not exists");
}
}
catch(Exception Ex) {
System.out.println(errorMessage);
}
finally {
obj.close();
}
}
public static void searchFiles() {
Scanner obj = new Scanner(System.in);
try
{
String fileName;
Task List
Find
All
Activate...
Outline
mypackage
Lockedme
projectfilespath : String
errorMessage : String
main(String[]) : void
displayMenu() : void
Problems
Declaration
Console
<terminated> Lockedme [Java Application] C:\Users\PRASANTH SAI S\Downloads\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.1.v20211116-1657\jr
**************************************
Welcome to Lockedme.com
**************************************
Developer Name: Siyyadri Prasanth Sai
Developer MailId: prasanthsiyyadrisai@gmail.com
1. Display all the files
2. Add a new file
3. Delete a file
4. Search a file
5. Exit
Enter your Choice
5
ENG
IN
18:54
23-01-2022