

# LockedMe Project submission By

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Source Code GitHub Link:

[https://github.com/darshan-jethwa/Phase1\\_project\\_LockedMe](https://github.com/darshan-jethwa/Phase1_project_LockedMe)

(Reference link for source code and project related files)

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## LockedMe Project Source code:

```
package simplilearnPhaseOneProject;

import java.io.File;

import java.io.FileWriter;

import java.util.Scanner;

public class LockedMe {

    static final String projectpath="E:\\Simplilearn\\full stack java dev\\project\\phase 1 project
LockedMe\\LockedMefile";

    public static void main(String[] args) {

        Scanner obj = new Scanner(System.in);

        int ch;

        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);

```

```

}

```

```

public static void displayMenu()

```

```

{

```

```

    System.out.println("*****");

```

```

    System.out.println("\tWelcome to LockedMe.com Secure your file Here");

```

```

    System.out.println("\tDeveloper Name: Darshan Jethwa");

```

```

    System.out.println("*****");

```

```

    System.out.println("\t1. Display all the 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[] listOfFiles = new File(projectpath).listFiles();

    //if the folder is empty
    if(listOfFiles.length==0)

        System.out.println("No files exist in the directory");

    else

    {

        for(var l:listOfFiles)

        {

            System.out.println(l.getName());

        }

    }

}

public static void createFiles()

{

    try

    {

        Scanner obj = new Scanner (System.in);

        String fileName;

        int linesCount;

        System.out.println("Enter file name:");

        fileName=obj.nextLine();

        System.out.println("Enter how many lines you want to add in file");

        linesCount=Integer.parseInt(obj.nextLine());

```

```
FileWriter fw = new FileWriter(projectpath+"\\ "+fileName);
```

```
for(int i=1;i<=linesCount;i++)
```

```
{
```

```
    System.out.println("Enter file content line:");
```

```
    fw.write(obj.nextLine()+"\n");
```

```
}
```

```
System.out.println("File Created Successfully");
```

```
fw.close();
```

```
}
```

```
catch (Exception ex)
```

```
{
```

```
    System.out.println("Some error occurred.");
```

```
}
```

```
}
```

```
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 fl = new File(projectpath+"\\ "+fileName);
```

```
if(fl.exists())
```

```
{
```

```
    fl.delete();
```

```
    System.out.println("File deleted successfully");
```

```
}
```

```
else
```

```
{
```

```
    System.out.println("File do not exist");
```

```
}
```

```
}
```

```
catch(Exception Ex)
```

```
{
```

```
    System.out.println("Some error occurred");
```

```
}
```

```
}
```

```
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 fl = new File(projectpath+"\\ "+fileName);

if(fl.exists())
{
    System.out.println("File is available");
}
else
{
    System.out.println("File is not available ");
}

catch(Exception Ex)
{
}

}
```

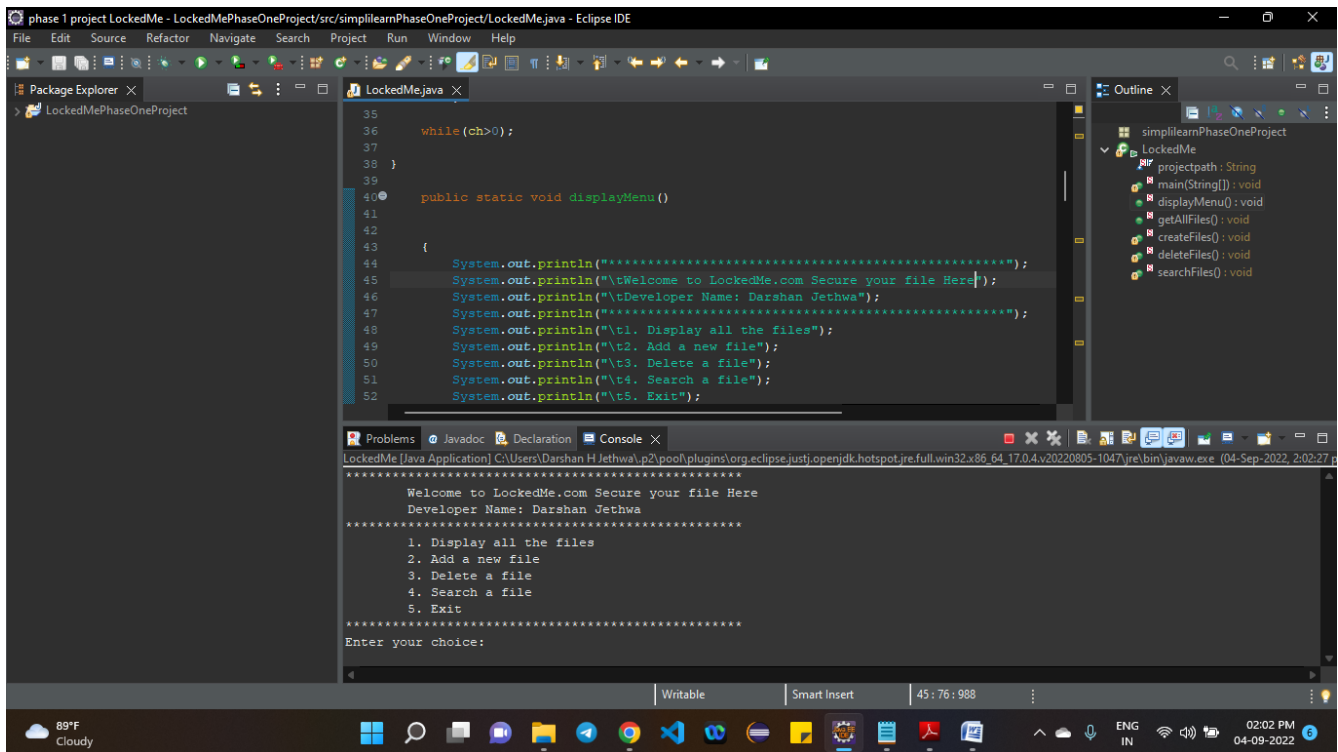
---

Source code end here

---

# Screen Shots of LockedMe Project

## 1. Welcome Screen :



## 2. Getting All Files :

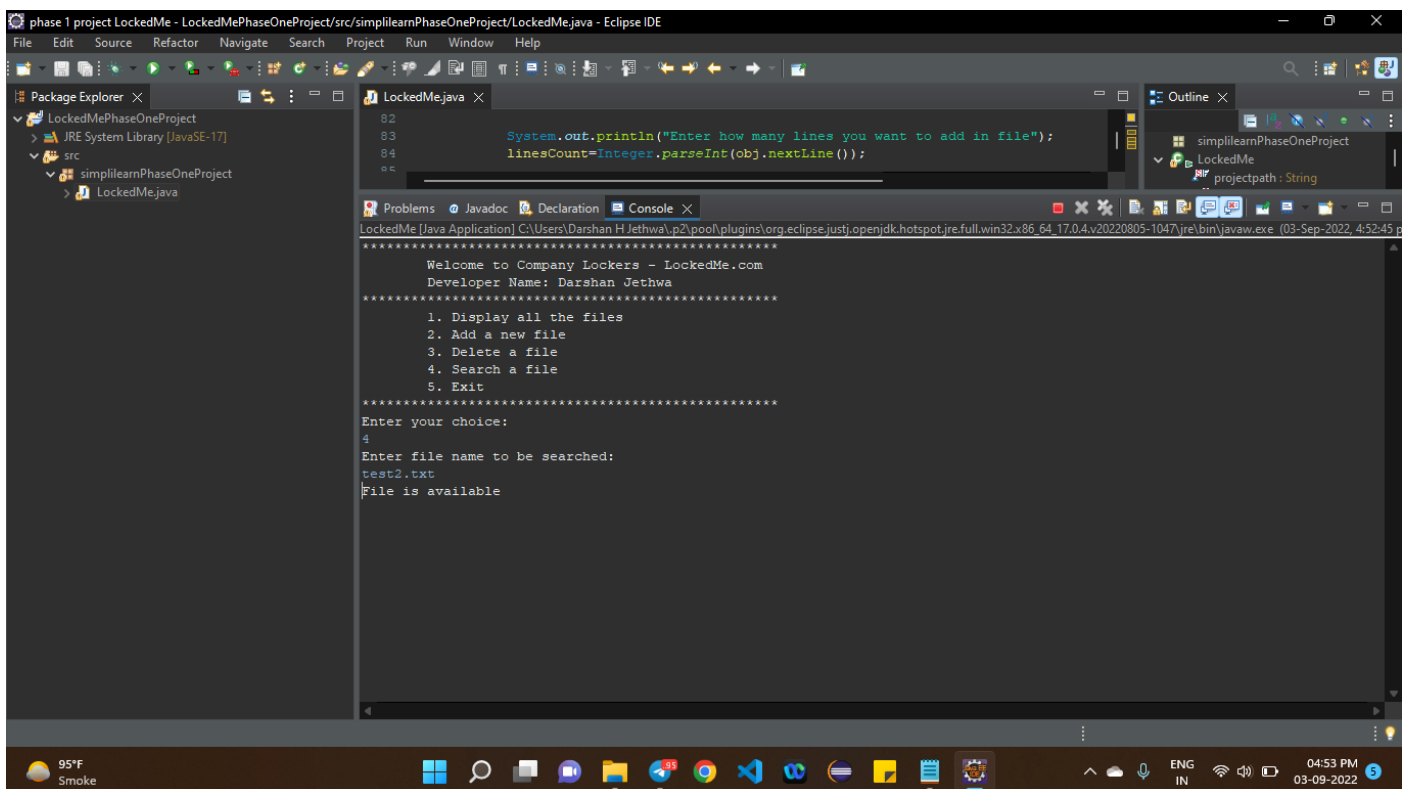


Figure 1 when file exist in file path

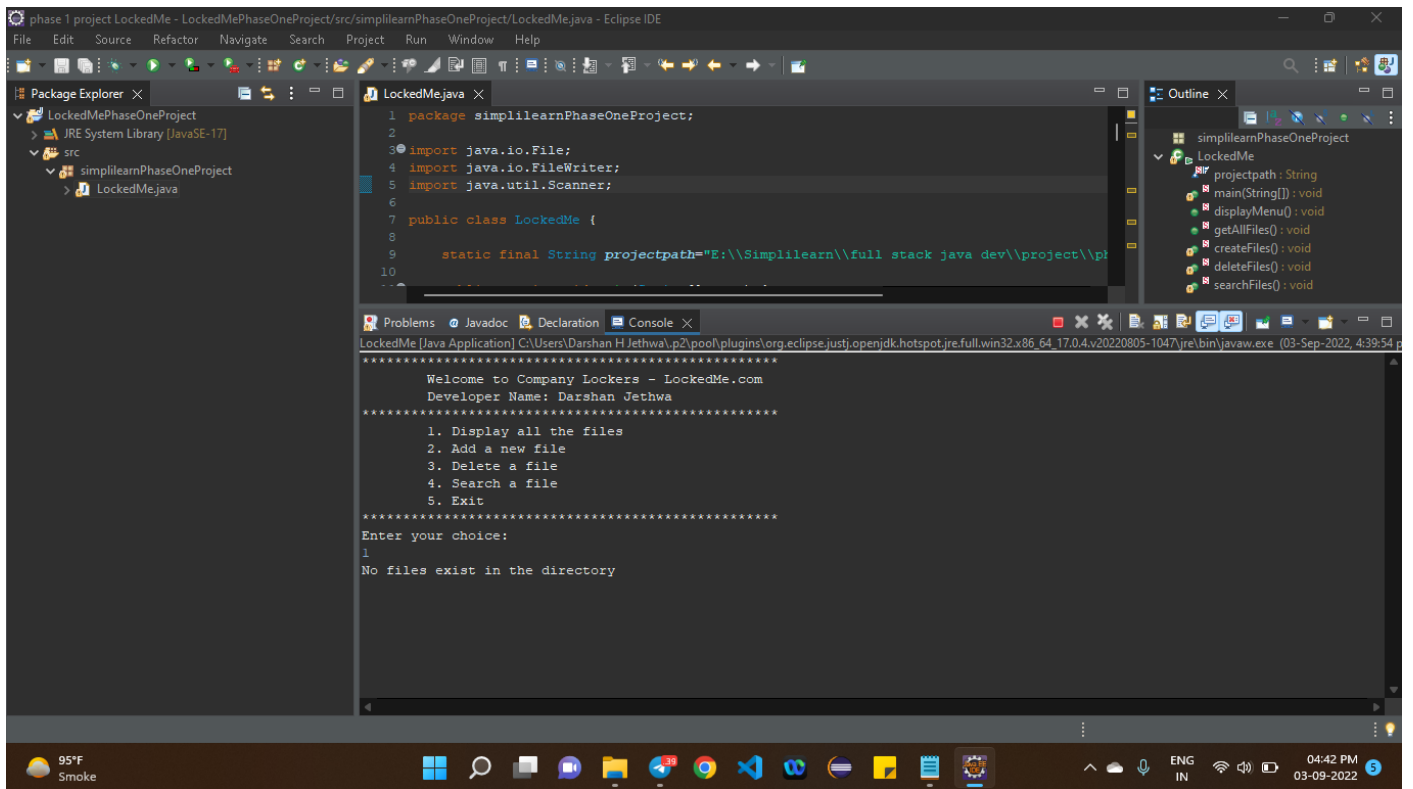


Figure 2 when file does not exist in file path

### 3. Add new file :

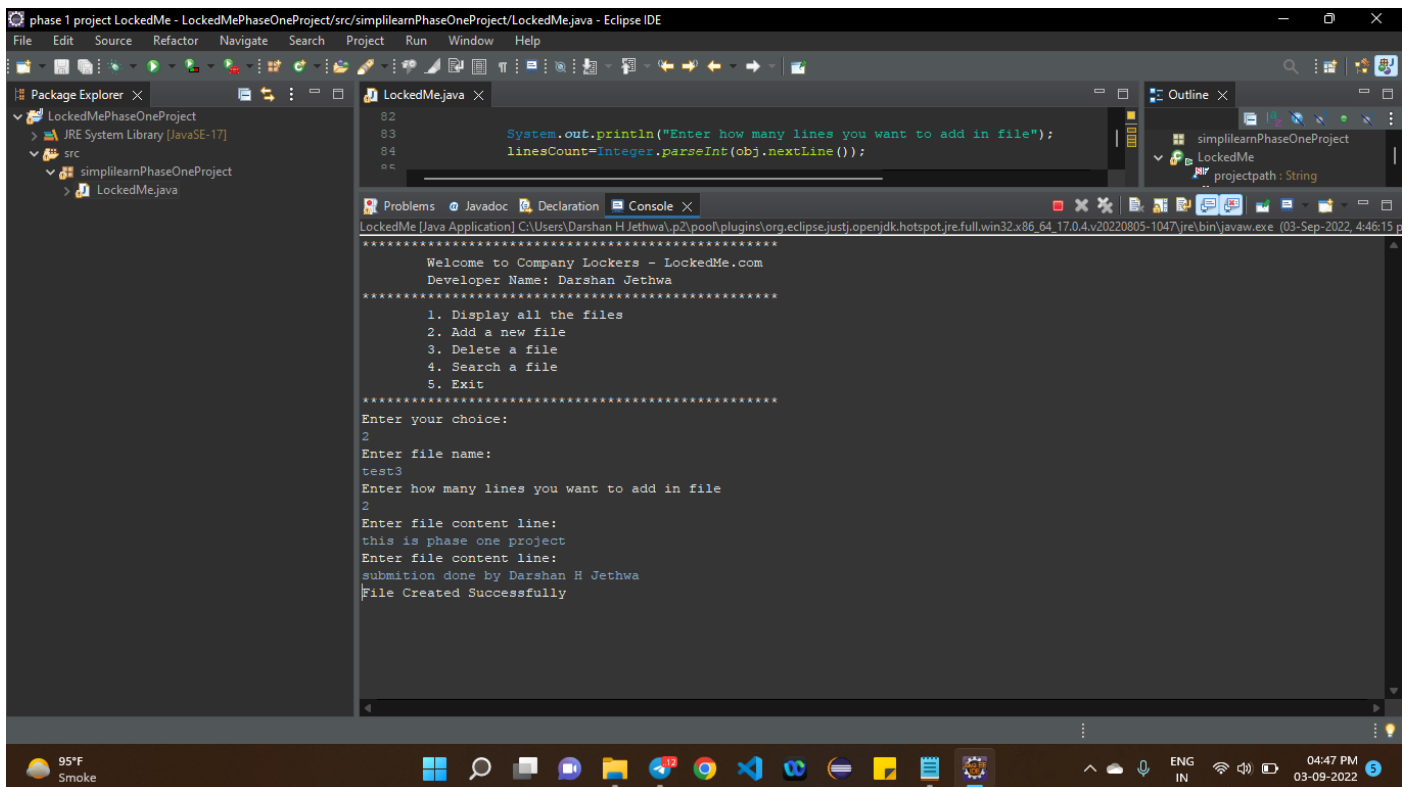


Figure 3 Add new file



## 4. Delete a file:

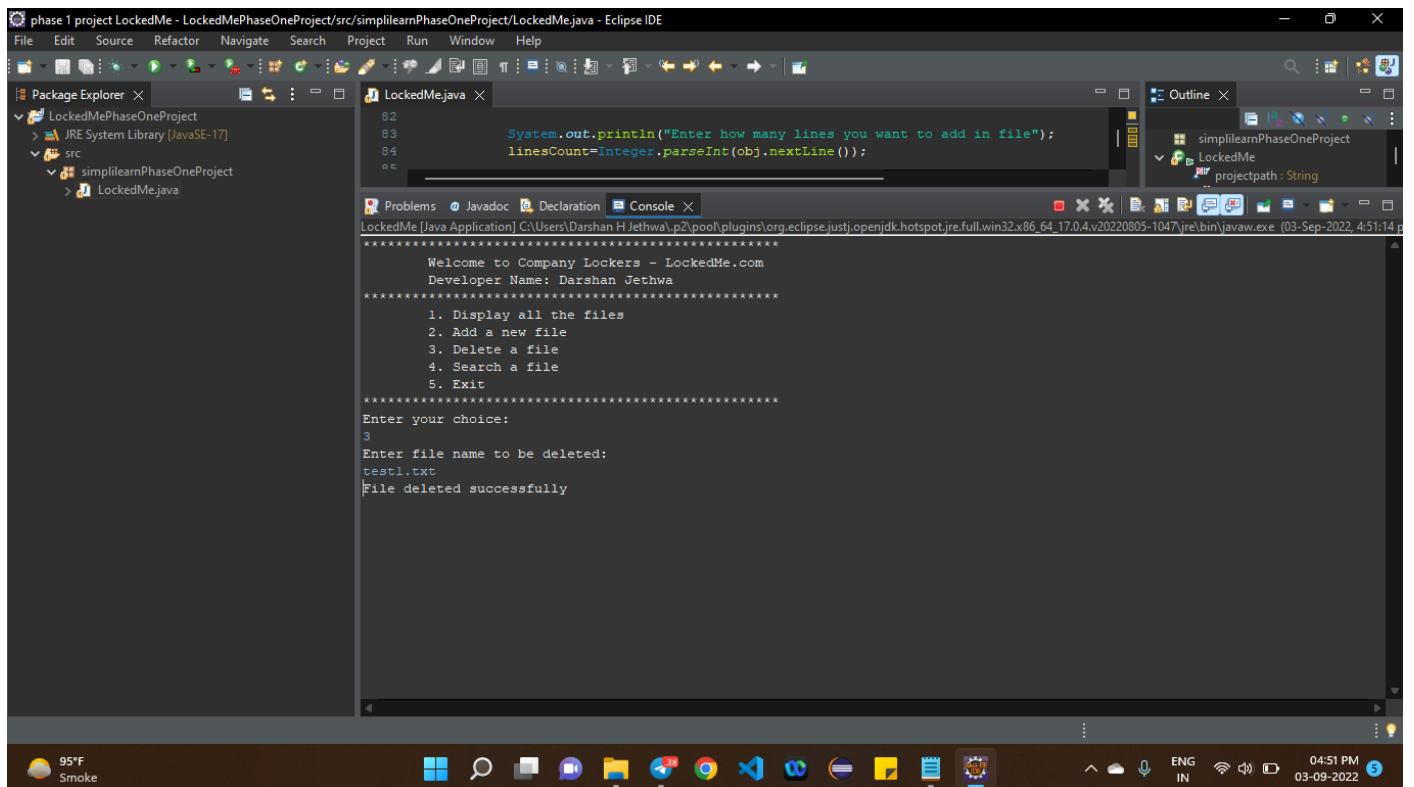


Figure 4 delete a file

## 5. Search file:

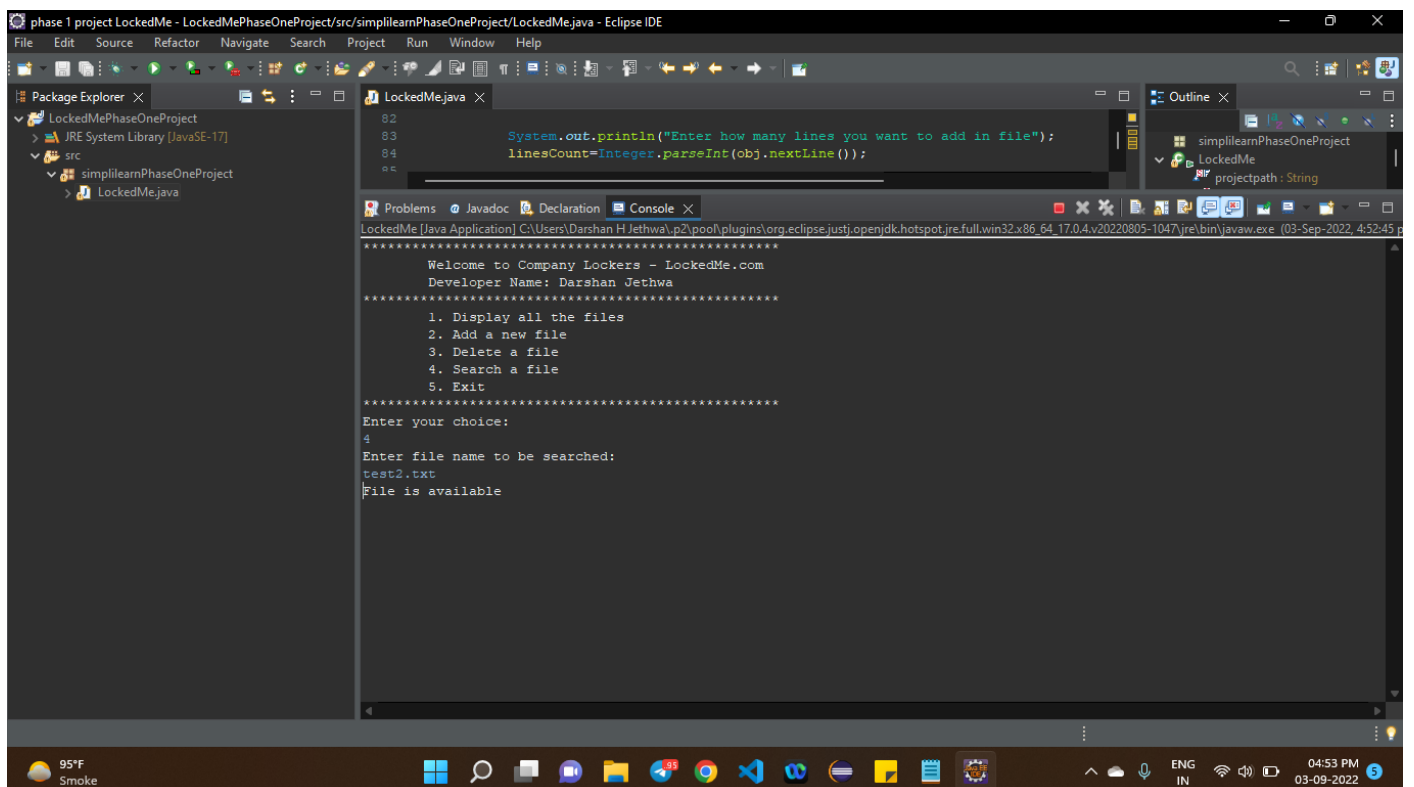


Figure 5 search result when file available

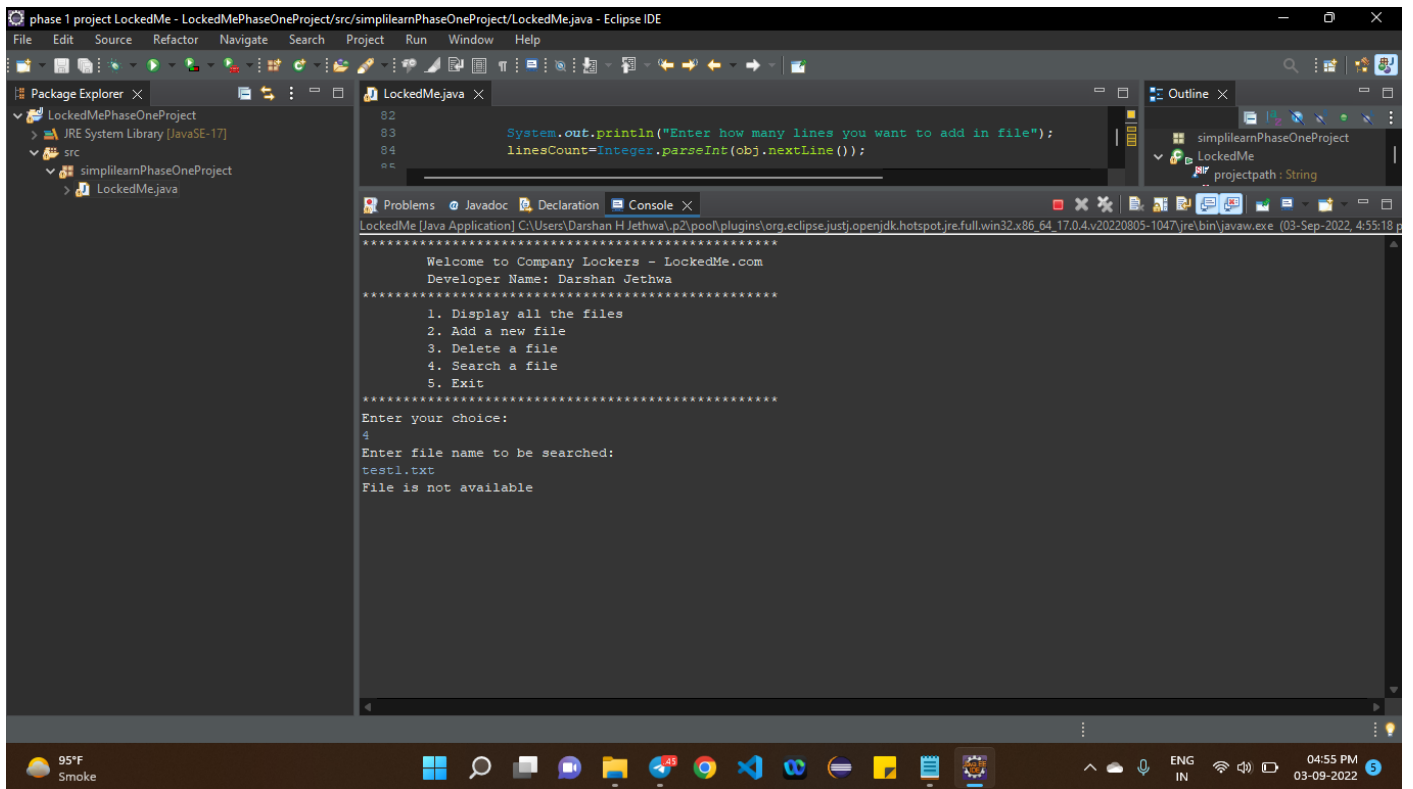


Figure 6 search result when file not available

## 6. Exit:

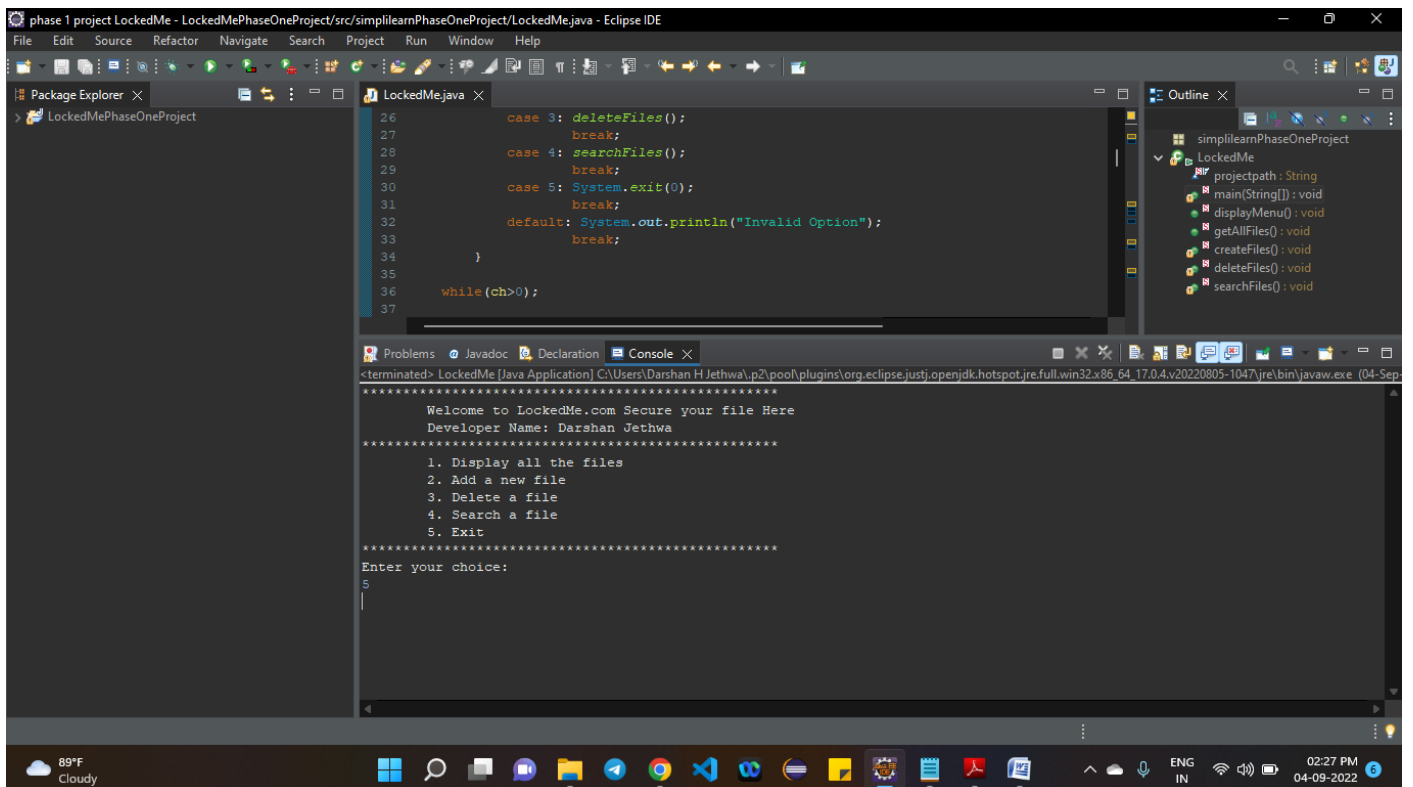


Figure 7 exit from app

# **Thank You**

**Simplilearn Phase 1 Project**

**Submission by**

**Darshan H. Jethwa**