

## **Prototype of the application lockme.com**

**Lockme.com application was developed by Lina Alrehaili details are as following –**

### **Technologies used -**

- Java
- Eclipse IDE
- Git and GitHub
- Scrum
- Searching and Sorting techniques

Project work was divided into 3 sprints 15 days (type: scrum), sprint details are as following –

### **Sprints details-**

#### **1st Sprint**

- A) Setting up Git and GitHub account to store and track my enhancements of the prototype.
- B) Create Options Class to keep all the operations of the program.
- C) Create Main Class to start running the program.
- D) Build welcoming screen with developer details.

#### **2nd Sprint**

- A) Show operation list in Main menu.
- B) Show options of an operation.
- C) Create sortFile() and showFiles() methods to list file names in ascending order.
- D) Create addFile() method where user can add a new file.

#### **3rd Sprint**

- A) Create deleteFile() method where user can delete a file.
- B) Create searchFile() method where user can search for a file.
- C) Back to main menu
- D) Exit menu

### **Methods and operations -**

We have 3 main operations in the main menu"

- 1) Show files (in ascending order).
- 2) Add/Delete/Search a file.
- 3) Close the application.

## Classes of the application -

### 1<sup>st</sup> Main Class

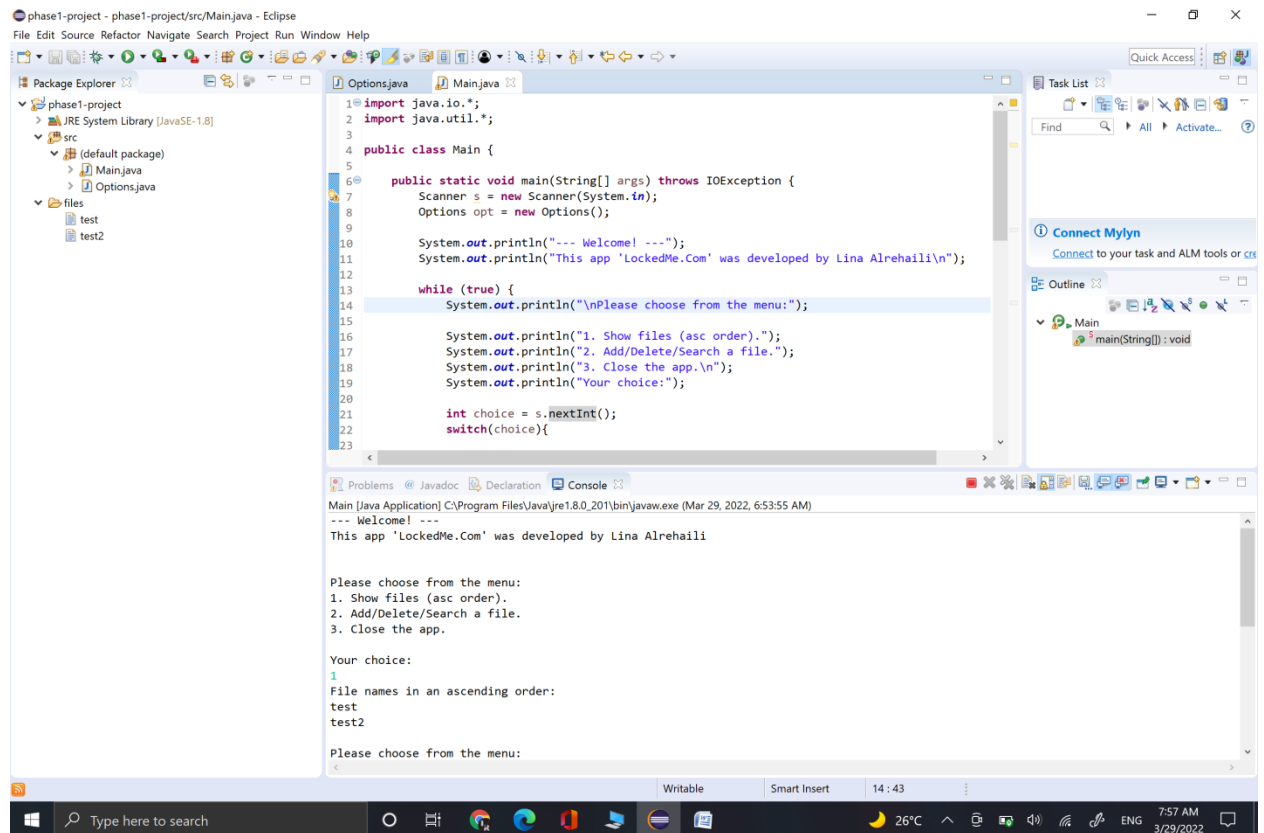
It has the **main method** which shows the options displaying the user interaction information.

### 2<sup>nd</sup> Options Class

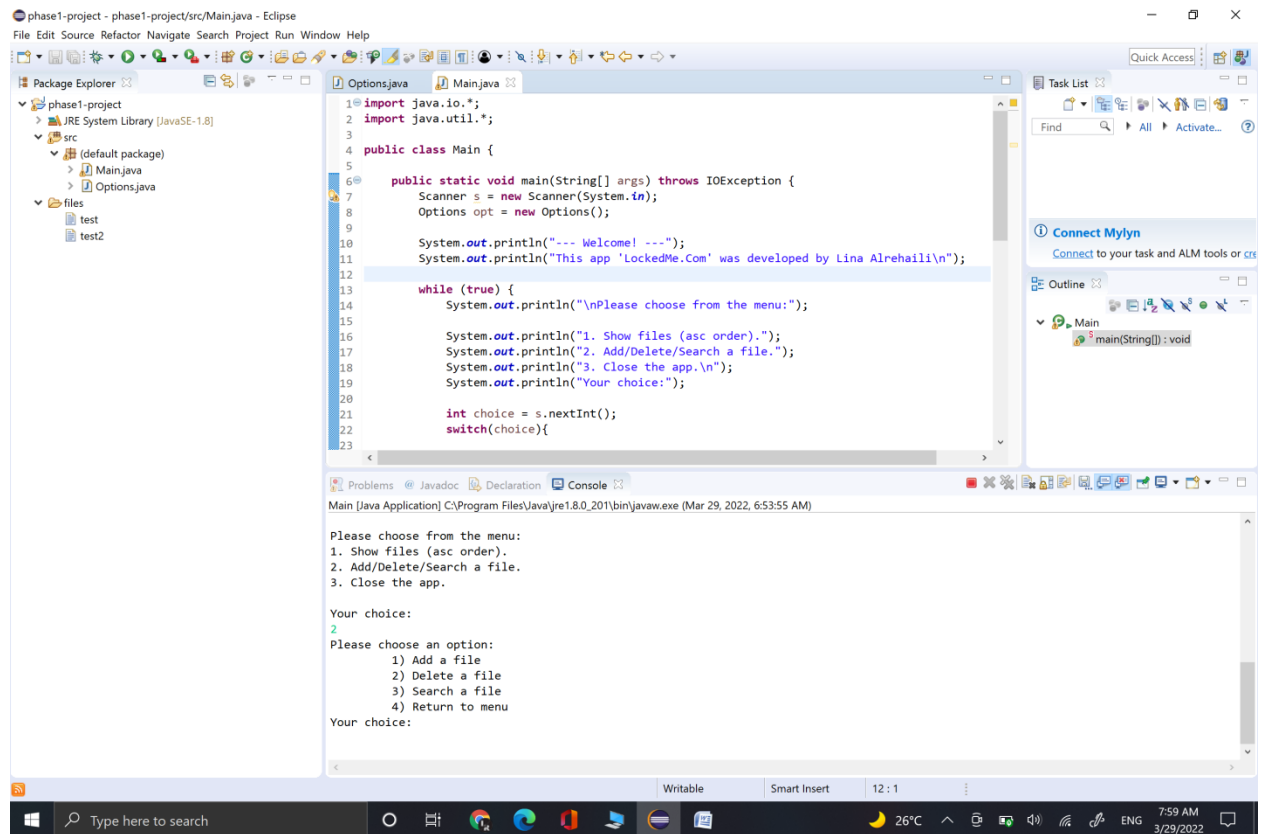
It has 5 methods **sortFile**, **showFile**, **addFile**, **deleteFile** and **searchFile**. This will be called in the main class.

## Captions of the application -

- 1- When you choose show files it will list file names in an ascending order.



- 2- When you choose the second operation you can add/delete/search a file. Each option does as their names intended.



- 3- The last operation will just close the application and end it.

Thanks,

It was developed by Lina Alrehaili.

GitHub: <https://github.com/lina-alrehaili/phase1-project-lockme.com>