

LockedMe Project submission By

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Source Code GitHub Link:

https://github.com/Sachin06071994/FullStack_Phase1Project.git

(Reference link for source code and project related files)

LockedMe Project Source code:

```
package com.company.lockers;

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

public class LockedMe {

    static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";

    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 Company Lockers - LockedMe.com");
    System.out.println("\tDeveloper Name: Sachin Baghel");
    System.out.println("*****");
    System.out.println("\t1. Display all the files");
    System.out.println("\t2. Add files to existing directory");
    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 occured");
    }
}

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)
    {

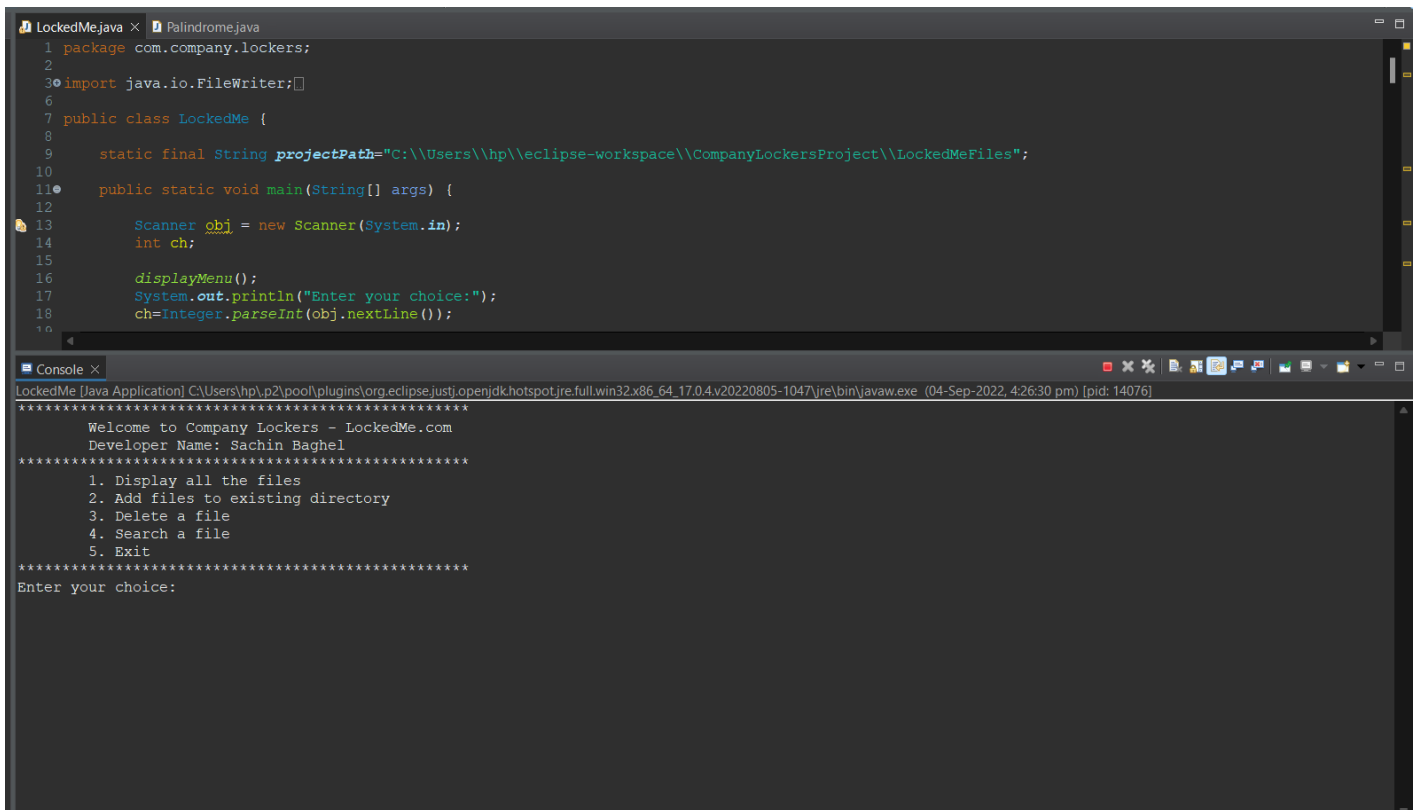
```

```
}  
}  
  
}
```

Source code end here

Screen Shots of LockedMe Project

1. Welcome Screen :



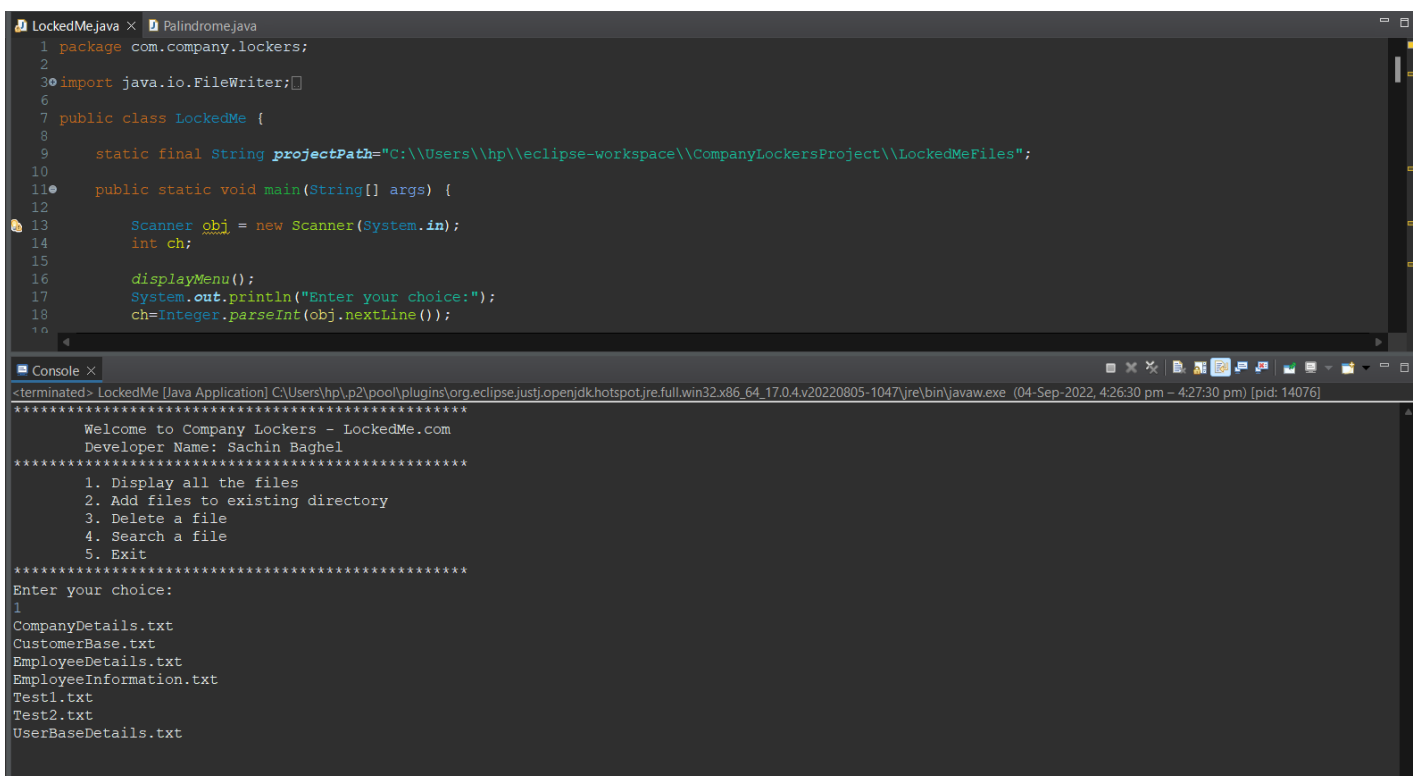
```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }
```

Console x

LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:26:30 pm) [pid: 14076]

```
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
```

2. Getting All Files :



```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }
```

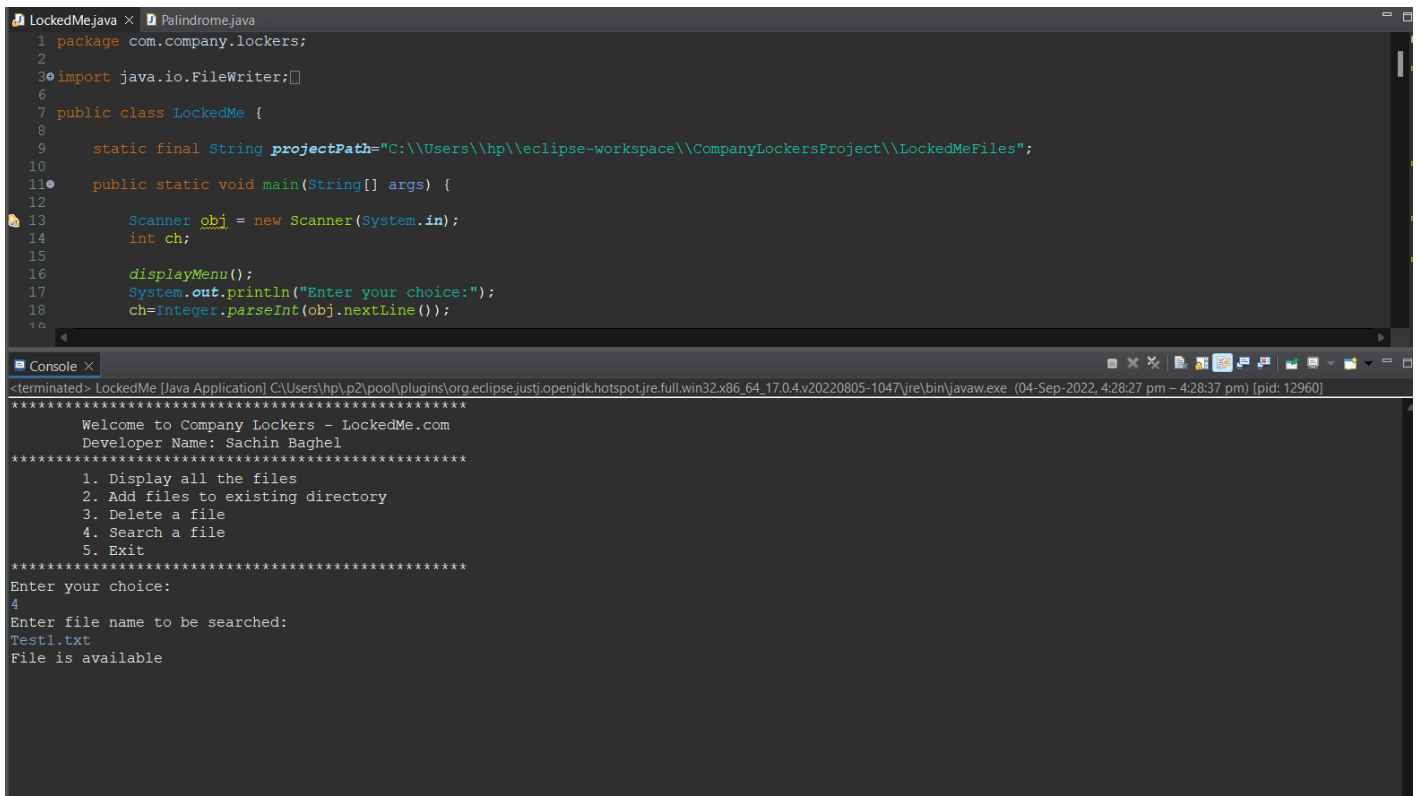
Console x

<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:26:30 pm - 4:27:30 pm) [pid: 14076]

```
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
1
CompanyDetails.txt
CustomerBase.txt
EmployeeDetails.txt
EmployeeInformation.txt
Test1.txt
Test2.txt
UserBaseDetails.txt
```

3. Searching Files :

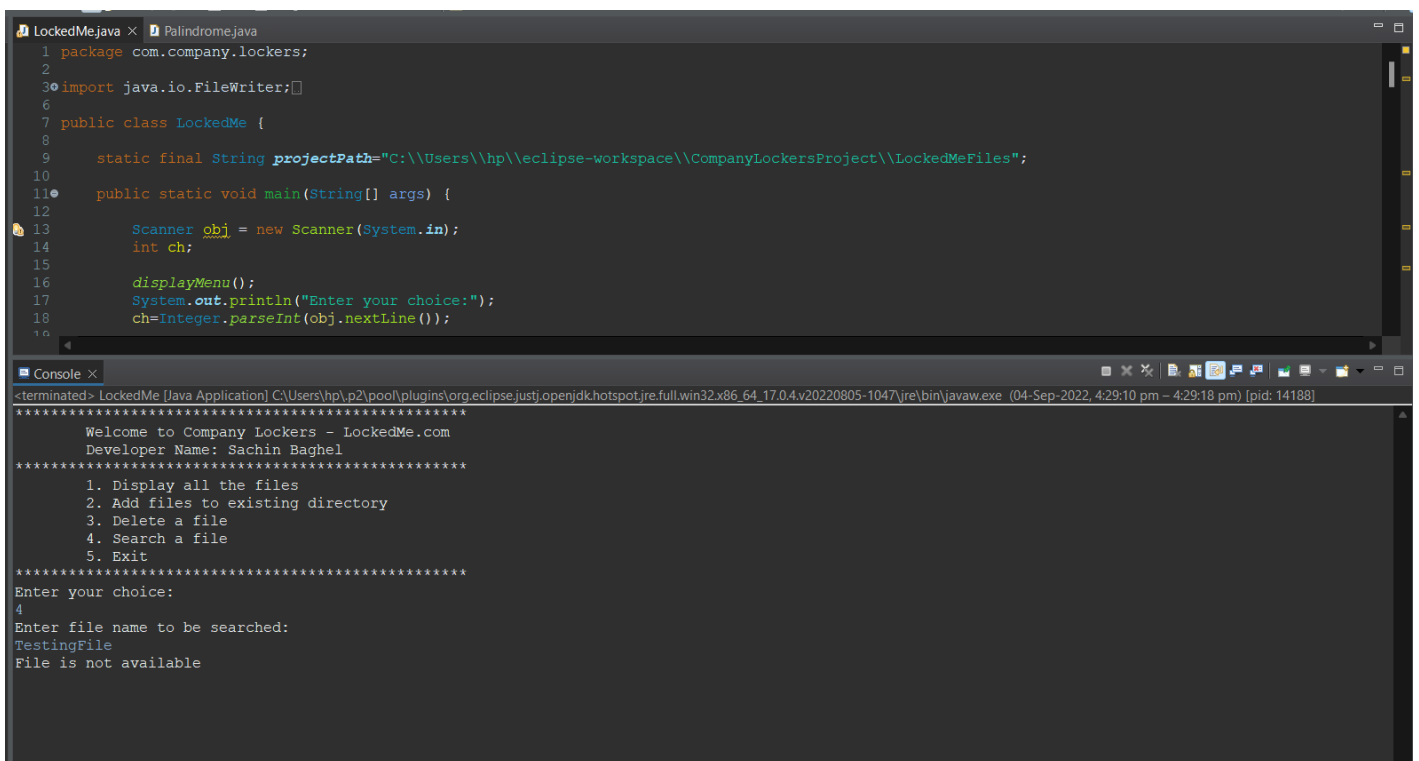
Figure 1 when file exist in file path



```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }

Console x
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:28:27 pm - 4:28:37 pm) [pid: 12960]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
4
Enter file name to be searched:
Test1.txt
File is available
```

Figure 2 When file does not exist in file path



```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }

Console x
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:29:10 pm - 4:29:18 pm) [pid: 14188]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
4
Enter file name to be searched:
TestingFile
File is not available
```

3. Add new file :

```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }

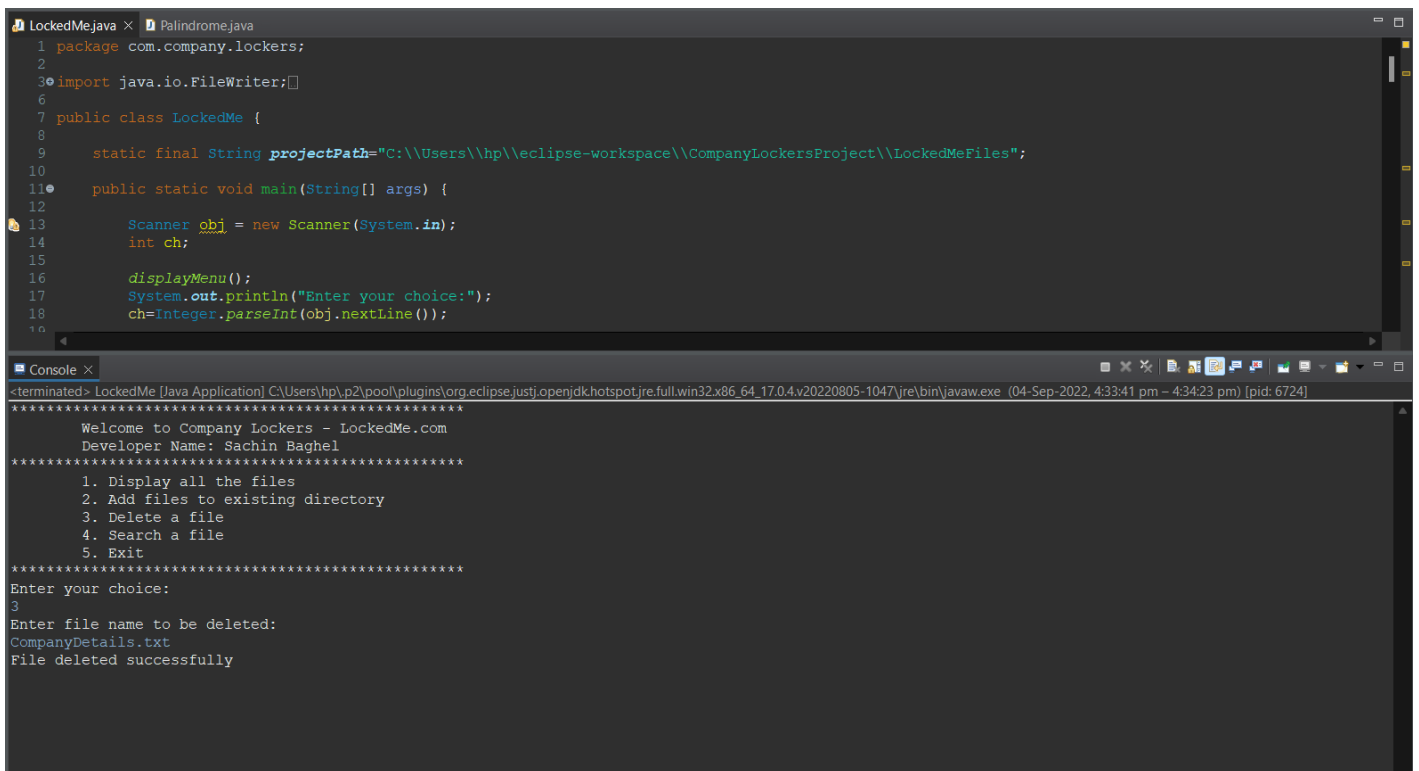
Console x
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:29:51 pm - 4:30:11 pm) [pid: 10768]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
2
Enter file name:
NewTestFile
Enter how many lines you want to add in file
1
Enter file content line:
This is a test File
File Created Successfully
```

Figure 3 New file Added

```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }

Console x
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:30:58 pm - 4:30:59 pm) [pid: 13564]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
1
CompanyDetails.txt
CustomerBase.txt
EmployeeDetails.txt
EmployeeInformation.txt
NewTestFile
Test1.txt
Test2.txt
UserBaseDetails.txt
```

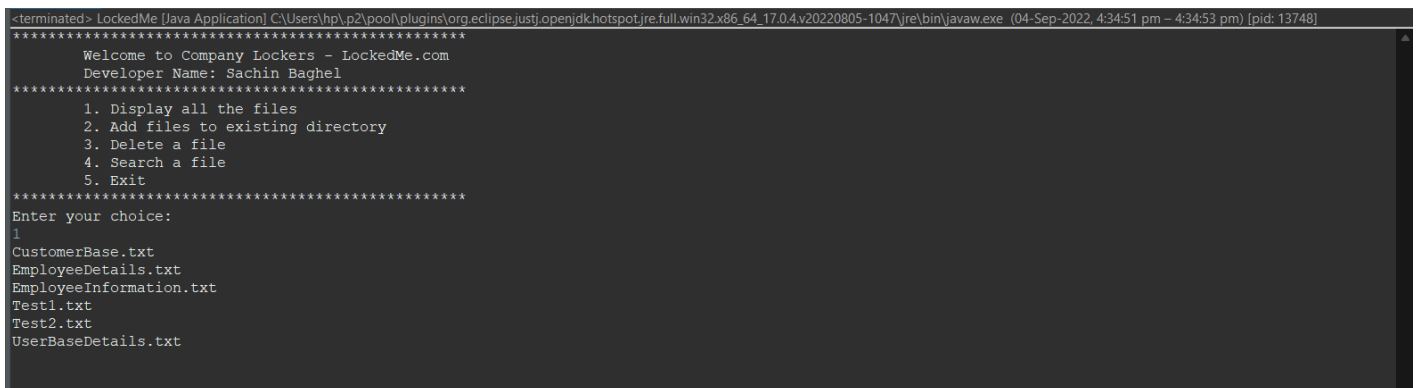

4. Delete a file:



```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }

Console x
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:33:41 pm - 4:34:23 pm) [pid: 6724]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
3
Enter file name to be deleted:
CompanyDetails.txt
File deleted successfully
```

Figure 4 File Deleted



```
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:34:51 pm - 4:34:53 pm) [pid: 13748]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
1
CustomerBase.txt
EmployeeDetails.txt
EmployeeInformation.txt
Test1.txt
Test2.txt
UserBaseDetails.txt
```

5. Exit:

```
LockedMe.java x Palindrome.java
1 package com.company.lockers;
2
3 import java.io.FileWriter;
4
5
6
7 public class LockedMe {
8
9     static final String projectPath="C:\\Users\\hp\\eclipse-workspace\\CompanyLockersProject\\LockedMeFiles";
10
11     public static void main(String[] args) {
12
13         Scanner obj = new Scanner(System.in);
14         int ch;
15
16         displayMenu();
17         System.out.println("Enter your choice:");
18         ch=Integer.parseInt(obj.nextLine());
19     }
20 }

Console x
<terminated> LockedMe [Java Application] C:\Users\hp\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (04-Sep-2022, 4:33:03 pm - 4:33:06 pm) [pid: 12440]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name: Sachin Baghel
*****
1. Display all the files
2. Add files to existing directory
3. Delete a file
4. Search a file
5. Exit
*****
Enter your choice:
5
```

Thank You

Simplilearn Phase 1 Project

Submission by

Sachin Baghel