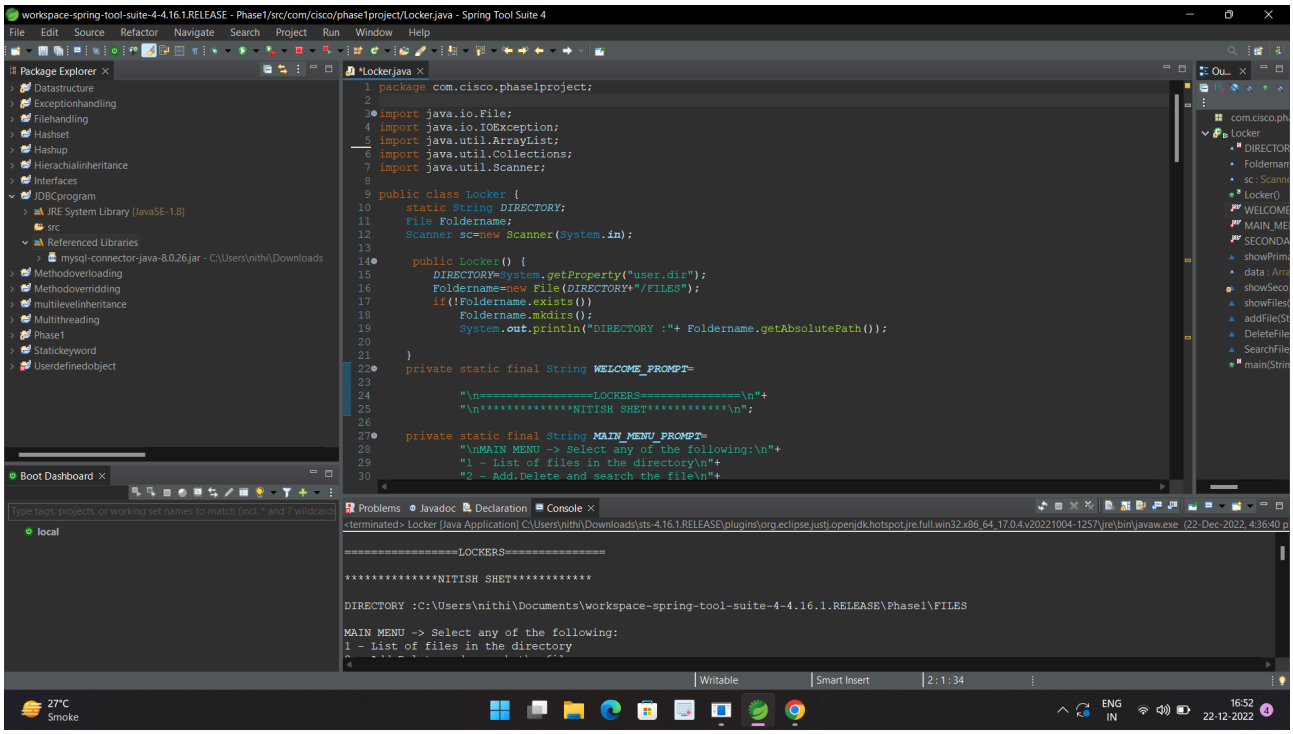
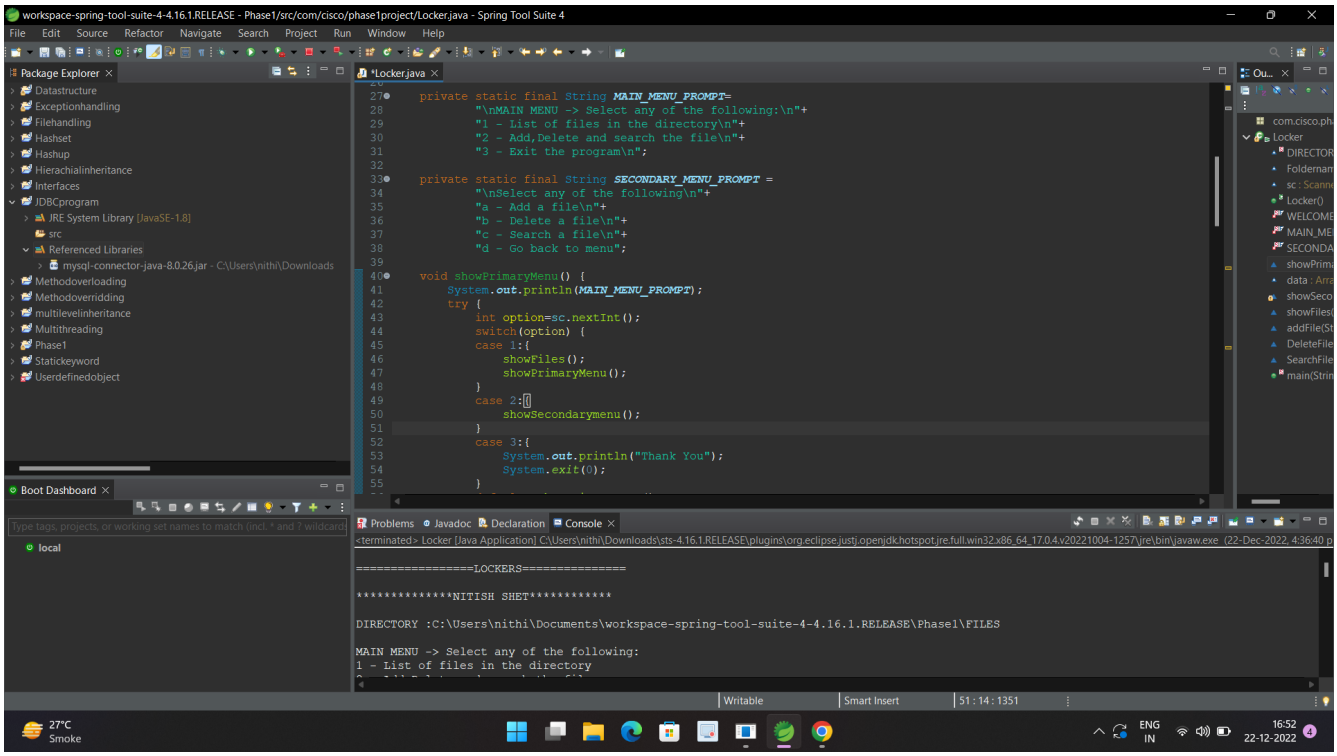
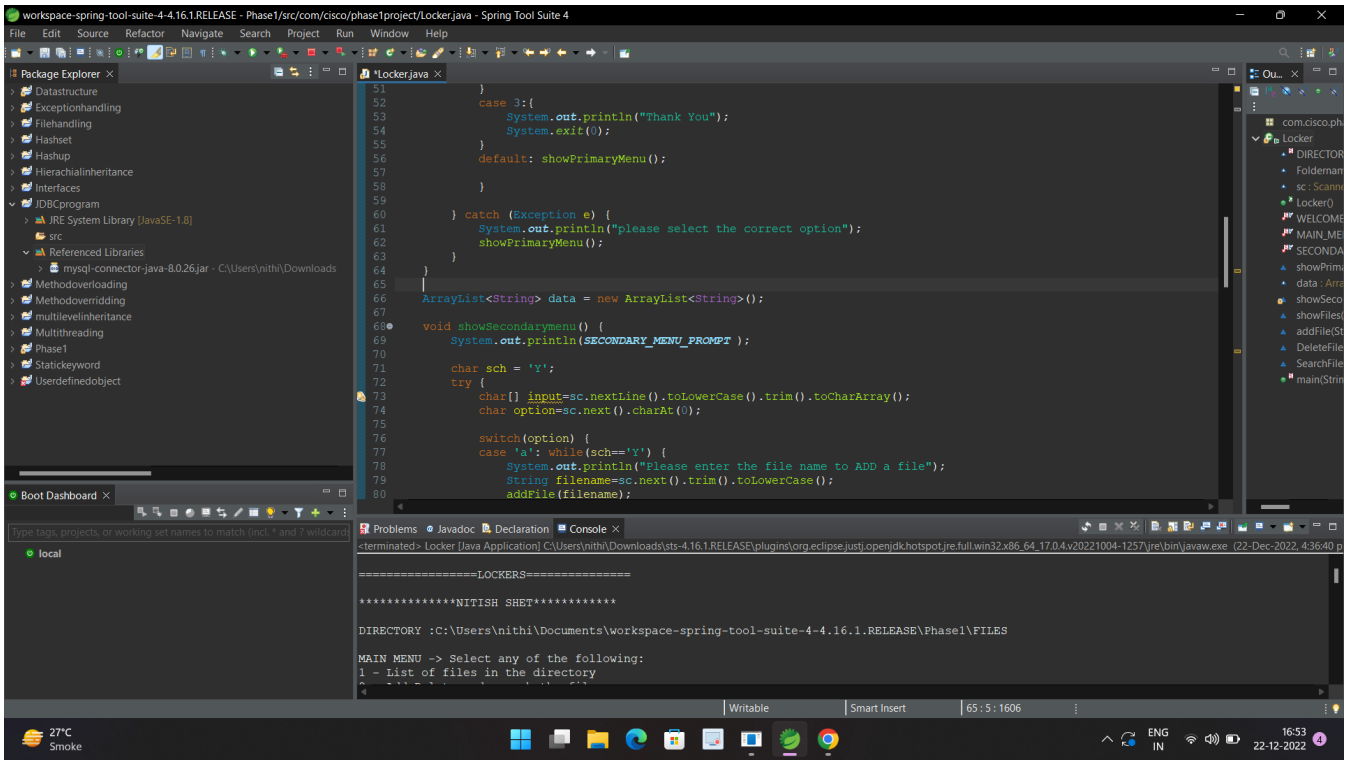
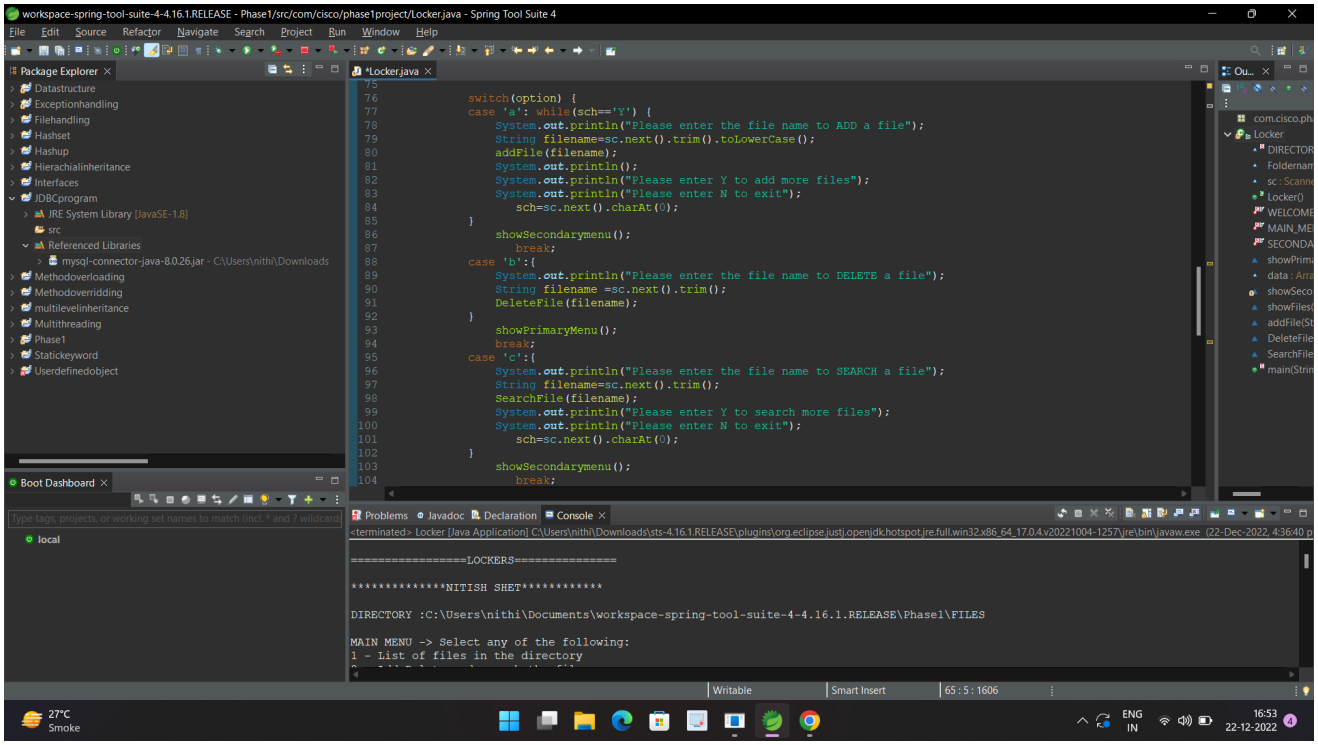
Phase 1 Assignment






workspace-spring-tool-suite-4-4.16.1.RELEASE - Phase1/src/com/cisco/phase1project/Locker.java - Spring Tool Suite 4
File Edit Source Refactor Navigate Search Project Run Window Help
Package Explorer
Datastructure
Exceptionhandling
Filehandling
Hashset
Hashup
Hierachialinheritance
Interfaces
JDBCprogram
JRE System Library [JavaSE-1.8]
src
Referenced Libraries
mysql-connector-java-8.0.26.jar - C:\Users\nithi\Downloads
Methodoverloading
Methodoverridding
multilevelinheritance
Multithreading
Phase1
Statickeyword
Userdefinedobject
*Locker.java
} catch (Exception e) {
System.out.println("please select the correct option");
showPrimaryMenu();
ArrayList<String> data = new ArrayList<String>();
void showSecondarymenu() {
System.out.println(SECONDARY_MENU_PROMPT);
char sch = 'Y';
char[] input=sc.nextLine().toLowerCase().trim().toCharArray();
char option=sc.next().charAt(0);
switch(option) {
case 'a': while(sch=='Y') {
System.out.println("Please enter the file name to ADD a file");
String filename=sc.next().trim().toLowerCase();
addFile(filename);
Boot Dashboard
local
Problems Javadoc Declaration Console
<terminated> Locker [Java Application] C:\Users\nithi\Downloads\sts-4.16.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (22-Dec-2022, 4:36:40 p
==========LOCKERS==========
**********NITISH SHET**********
DIRECTORY :C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
MAIN MENU -> Select any of the following:
1 - List of files in the directory
Writable
Smart Insert
65 : 5 : 1606
27°C
Smoke
ENG
IN
16:53
22-12-2022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Multithreading
Phase1
Statickeyword
Userdefinedobject
*Locker.java
switch(option) {
case 'a': while(sch=='Y') {
System.out.println("Please enter the file name to ADD a file");
String filename=sc.next().trim().toLowerCase();
addFile(filename);
System.out.println();
System.out.println("Please enter Y to add more files");
System.out.println("Please enter N to exit");
sch=sc.next().charAt(0);
showSecondarymenu();
break;
case 'b':{
System.out.println("Please enter the file name to DELETE a file");
String filename =sc.next().trim();
DeleteFile(filename);
showPrimaryMenu();
break;
case 'c':{
System.out.println("Please enter the file name to SEARCH a file");
String filename=sc.next().trim();
SearchFile(filename);
System.out.println("Please enter Y to search more files");
System.out.println("Please enter N to exit");
sch=sc.next().charAt(0);
showSecondarymenu();
break;
Boot Dashboard
local
Problems Javadoc Declaration Console
<terminated> Locker [Java Application] C:\Users\nithi\Downloads\sts-4.16.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (22-Dec-2022, 4:36:40 p
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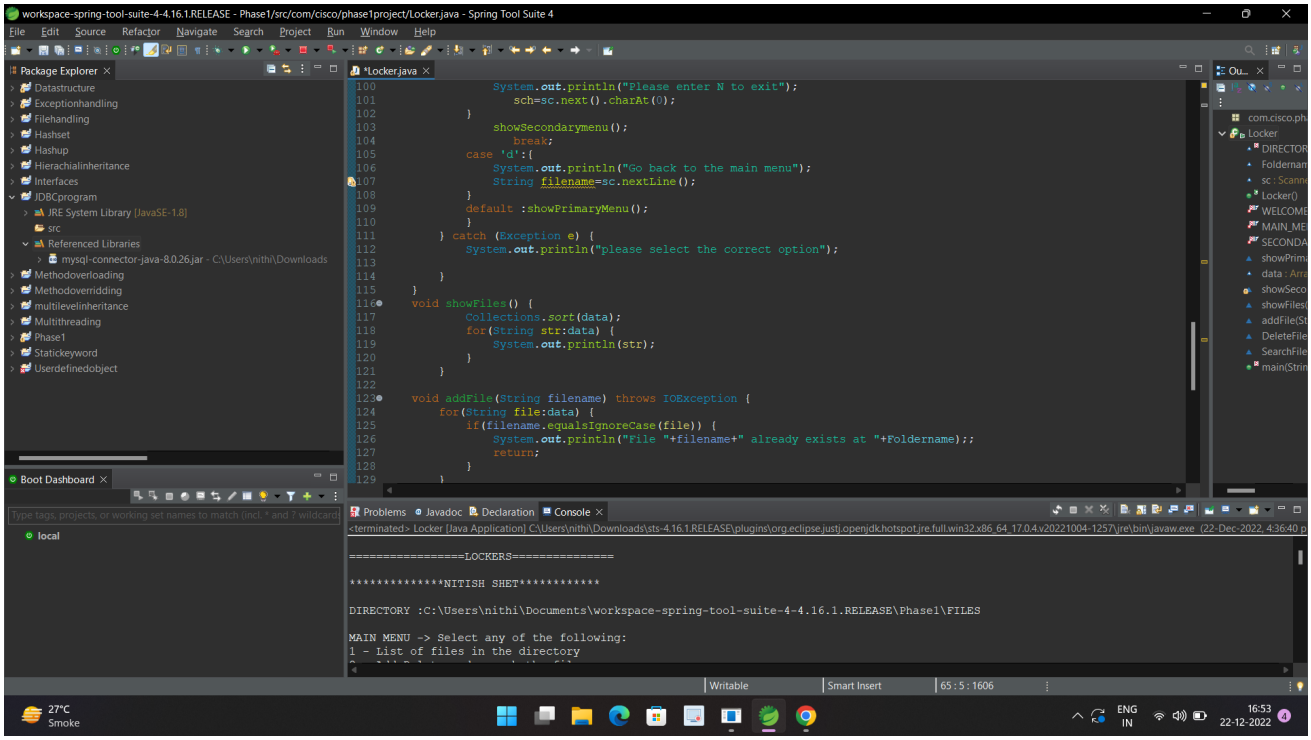
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System.out.println("Please enter N to exit");
sch=sc.next().charAt(0);
showSecondarymenu();
break;
case 'd':{
System.out.println("Go back to the main menu");
String filename=sc.nextLine();
default :showPrimaryMenu();
} catch (Exception e) {
System.out.println("please select the correct option");
void showFiles() {
Collections.sort(data);
for(String str:data) {
System.out.println(str);
void addFile(String filename) throws IOException {
for(String file:data) {
if(filename.equalsIgnoreCase(file)) {
System.out.println("File "+filename+" already exists at "+Foldername);;
return;
Problems Javadoc Declaration Console
<terminated> Locker [Java Application] C:\Users\nithi\Downloads\sts-4.16.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (22-Dec-2022, 4:36:40 p
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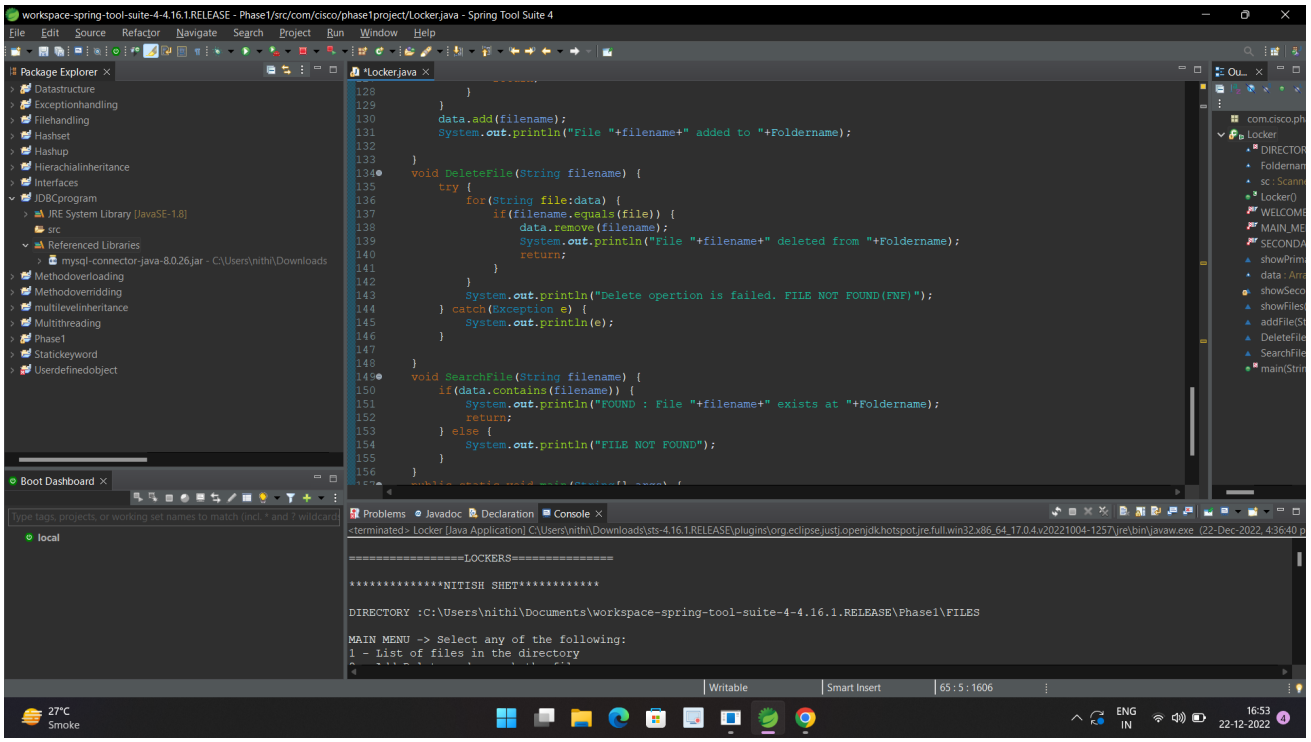
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*Locker.java
}
data.add(filename);
System.out.println("File "+filename+" added to "+Foldername);
void DeleteFile(String filename) {
try {
for(String file:data) {
if(filename.equals(file)) {
data.remove(filename);
System.out.println("File "+filename+" deleted from "+Foldername);
return;
System.out.println("Delete opertion is failed. FILE NOT FOUND(FNF)");
} catch(Exception e) {
System.out.println(e);
void SearchFile(String filename) {
if(data.contains(filename)) {
System.out.println("FOUND : File "+filename+" exists at "+Foldername);
return;
} else {
System.out.println("FILE NOT FOUND");
Problems Javadoc Declaration Console
<terminated> Locker [Java Application] C:\Users\nithi\Downloads\sts-4.16.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (22-Dec-2022, 4:36:40 p
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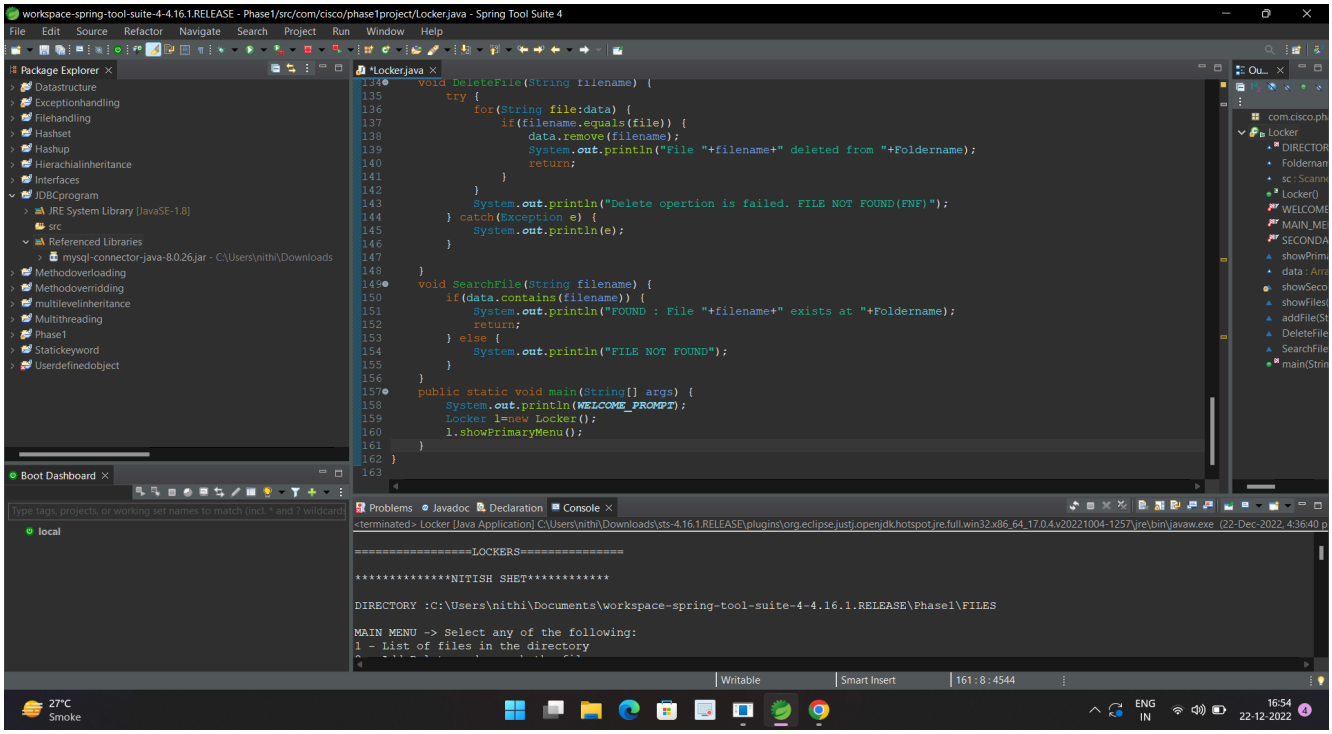
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void DeleteFile(String filename) {
try {
for(String file:data) {
if(filename.equals(file)) {
data.remove(filename);
System.out.println("File "+filename+" deleted from "+Foldername);
return;
}
}
System.out.println("Delete opertion is failed. FILE NOT FOUND(FNF)");
} catch(Exception e) {
System.out.println(e);
}
}
void SearchFile(String filename) {
if(data.contains(filename)) {
System.out.println("FOUND : File "+filename+" exists at "+Foldername);
return;
} else {
System.out.println("FILE NOT FOUND");
}
}
public static void main(String[] args) {
System.out.println(WELCOME_PROMPT);
Locker l=new Locker();
l.showPrimaryMenu();
}
}
Problems Javadoc Declaration Console
<terminated> Locker [Java Application] C:\Users\nithi\Downloads\sts-4.16.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (22-Dec-2022, 4:36:40 p
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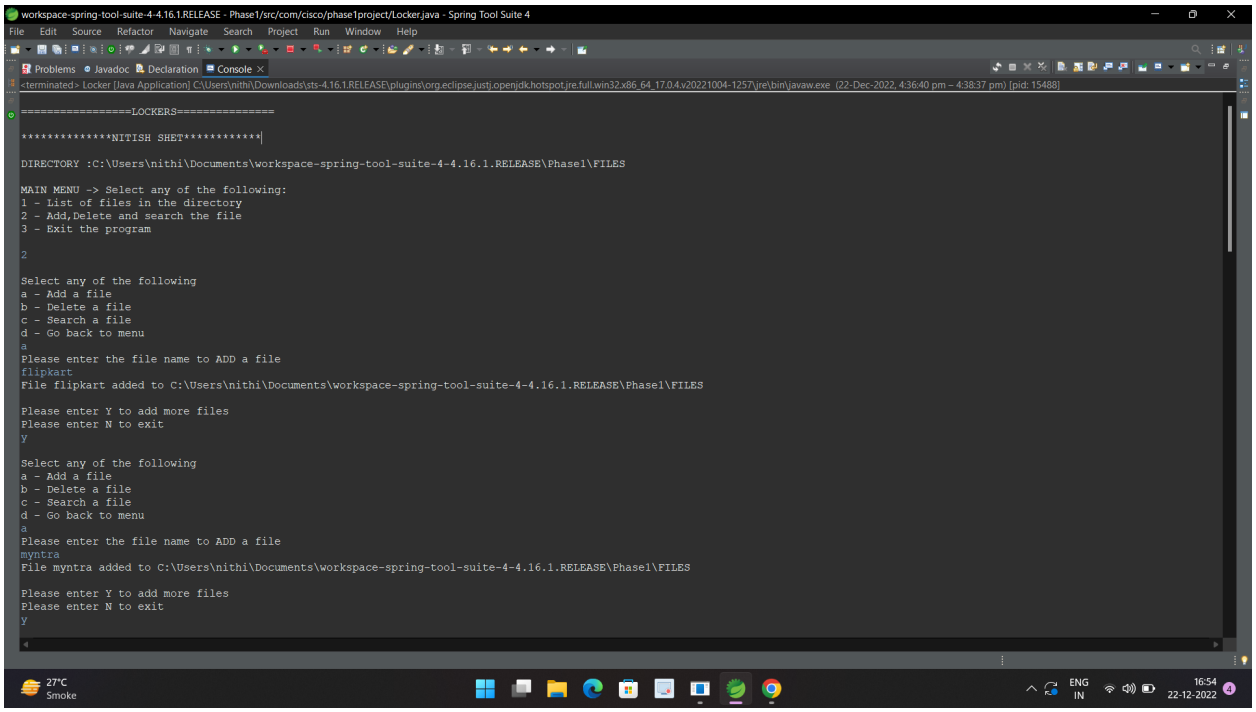
MAIN MENU -> Select any of the following:
1 - List of files in the directory
Writable
Smart Insert
161 : 8 : 4544
27°C
Smoke
ENG
IN
16:54
22-12-2022

Output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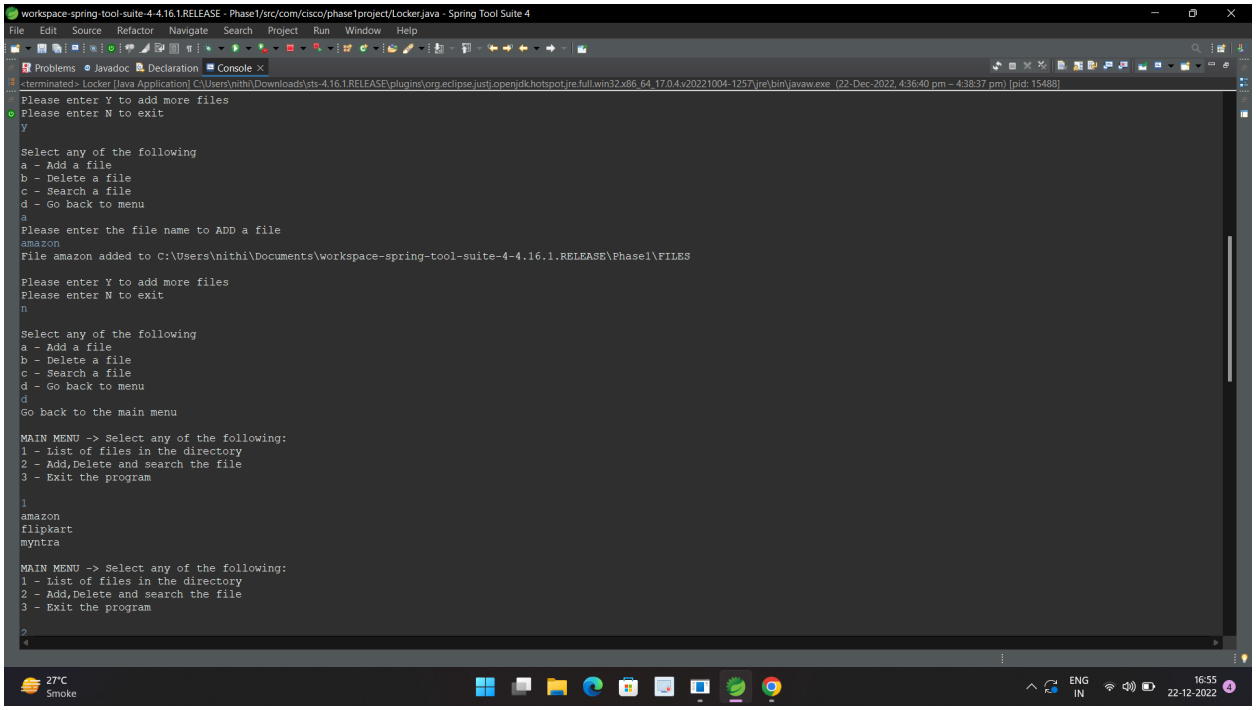
<terminated> Locker [Java Application] C:\Users\nithi\Downloads\sts-4.16.1.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20221004-1257\jre\bin\javaw.exe (22-Dec-2022, 4:36:40 pm – 4:38:37 pm) [pid: 15488]
==========LOCKERS==========
**********NITISH SHET**********
DIRECTORY :C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
2
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
a
Please enter the file name to ADD a file
flipkart
File flipkart added to C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
Please enter Y to add more files
Please enter N to exit
y
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
a
Please enter the file name to ADD a file
myntra
File myntra added to C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
Please enter Y to add more files
Please enter N to exit
y
27°C
Smoke
ENG
IN
16:54
22-12-2022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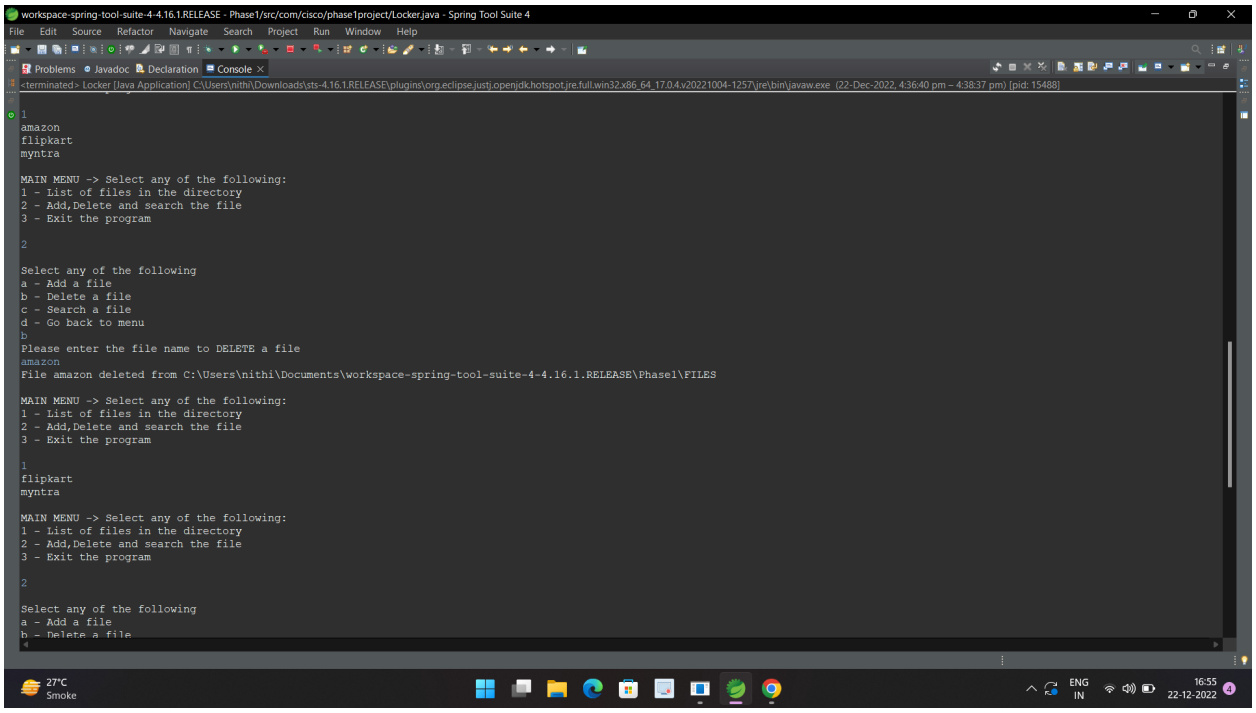
Please enter Y to add more files
Please enter N to exit
y
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
a
Please enter the file name to ADD a file
amazon
File amazon added to C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
Please enter Y to add more files
Please enter N to exit
n
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
d
Go back to the main menu
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
1
amazon
flipkart
myntra
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
2
27°C
Smoke
ENG
IN
16:55
22-12-2022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1
amazon
flipkart
myntra
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
2
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
b
Please enter the file name to DELETE a file
amazon
File amazon deleted from C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
1
flipkart
myntra
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
2
Select any of the following
a - Add a file
b - Delete a file
27°C
Smoke
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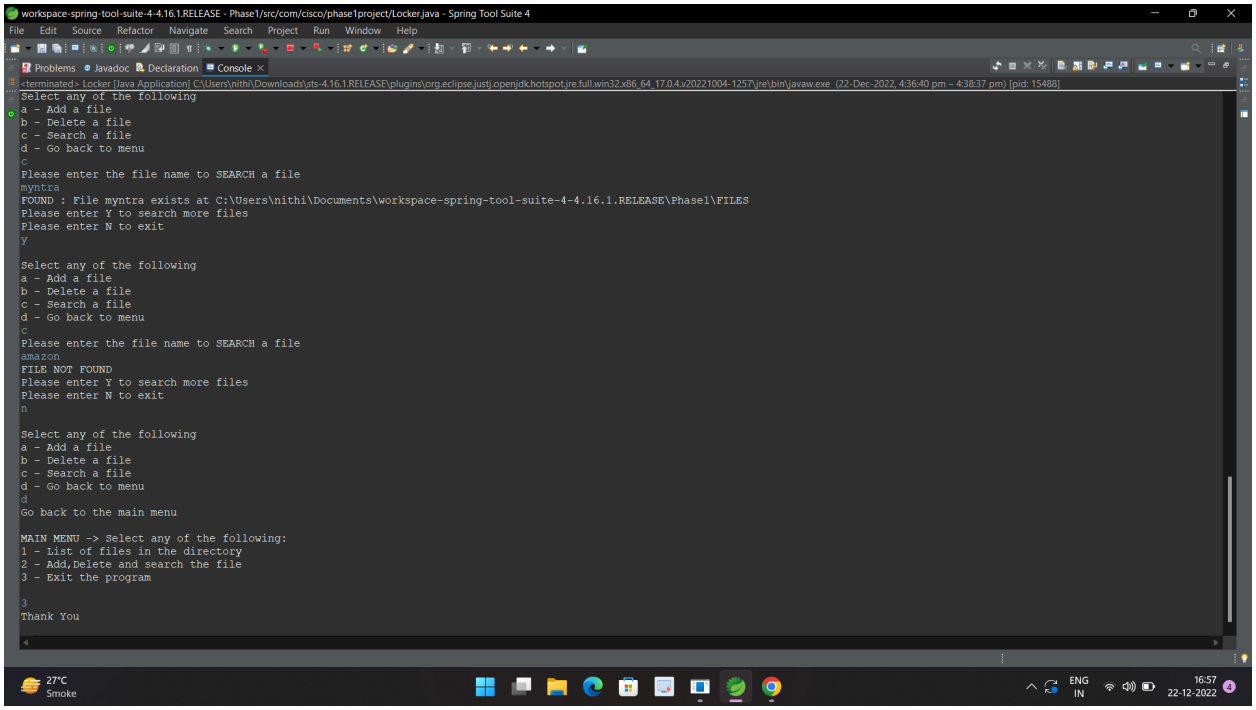
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Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
c
Please enter the file name to SEARCH a file
myntra
FOUND : File myntra exists at C:\Users\nithi\Documents\workspace-spring-tool-suite-4-4.16.1.RELEASE\Phase1\FILES
Please enter Y to search more files
Please enter N to exit
y
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
c
Please enter the file name to SEARCH a file
amazon
FILE NOT FOUND
Please enter Y to search more files
Please enter N to exit
n
Select any of the following
a - Add a file
b - Delete a file
c - Search a file
d - Go back to menu
d
Go back to the main menu
MAIN MENU -> Select any of the following:
1 - List of files in the directory
2 - Add,Delete and search the file
3 - Exit the program
3
Thank You
27°C
Smoke
ENG
IN
16:57
22-12-2022