**Source Code**

**import** java.io.File;

**import** java.io.IOException;

**import** java.util.ArrayList;

**import** java.util.Scanner;

**public** **class** MyLocker {

**public** **static** **void** main(String[] args) **throws** Exception {

//Project Name and Developer name

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

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

System.***out***.println("Application Name:"+ " LockedMe.com");

System.***out***.println("Developer Name:"+ " Nikhil Sapkal");

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

// Taking User input for FolderPath

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the folder Path for files to be stored."+" "+"for ex C:\\Users\\nikhi\\Desktop\\123\\");

String Path=sc.next();

File a=**new** File(Path);

String finalfile;

**int** flag=0;

**while**(**true**){

// Menu Options

System.***out***.println("Choose one of the option\n1. Add\n2. Delete\n3. Search\n4. Close");

**int** option=sc.nextInt();

**switch** (option) {

//Add file

**case** 1:

ArrayList<String> al=**new** ArrayList<>();

System.***out***.println("enter the file name to add");

String filename=sc.next();

finalfile=Path+filename;

File f=**new** File(finalfile);

**try** {

**boolean** res=f.createNewFile();

**if**(res==**false**){

System.***out***.println(f.getName()+" file is already exist");

**break**;

}

**else** {

al.add(filename);

System.***out***.println(f.getName()+" file is successfully created");

}

**break**;

}

**catch**(Exception e) {

System.***out***.println("invalid Path.Please enter valid path");

} System.*exit*(0);

//Delete file

**case** 2:

System.***out***.println("enter the file name to delete");

String filedel=sc.next();

File b=**new** File(Path+filedel);

File arr[]=a.listFiles();

**for**(File ff:arr) {

**if**(ff.getName().equals(filedel)) {

flag=1;

**break**;

}

**else** {

flag=0;

}

}

**if**(flag==1) {

b.delete();

System.***out***.println(filedel+" "+"file is successfully deleted");

}

**else** {

System.***out***.println("file not found");

} **break**;

// Search File

**case** 3:

System.***out***.println("enter the file name to search");

String filesearch=sc.next();

File filen[]=a.listFiles();

**for**(File ff:filen) {

**if**(ff.getName().equals(filesearch)) {

flag=1;

**break**;

}

**else** {

flag=0;

}

}

**if**(flag==1) {

System.***out***.println("file is susscessfuly Searched");

**break**;

}

**else** {

System.***out***.println("file can't be searched");

} **break**;

//Close application

**case** 4:

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

System.*exit*(0);

}

}

}

}

**Console Output**

Welcome

Application Name: LockedMe.com

Developer Name: Nikhil Sapkal

Enter the folder Path for files to be stored. for ex C:\Users\nikhi\Desktop\123\

C:\Users\nikhi\eclipse-workspace\Project1\

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

1

enter the file name to add

file1.txt

file1.txt file is successfully created

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

1

enter the file name to add

file2.txt

file2.txt file is successfully created

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

1

enter the file name to add

file3.txt

file3.txt file is successfully created

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

1

enter the file name to add

file4.txt

file4.txt file is successfully created

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

2

enter the file name to delete

file4.txt

file4.txt file is successfully deleted

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

3

enter the file name to search

file4.txt

file can't be searched

Choose one of the option

1. Add

2. Delete

3. Search

4. Close

4

Closed application