**import** java.io.FilenameFilter;

**import** java.util.\*;

**import** java.io.File;

**import** java.util.Arrays;

**public** **class** LockedMe {

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

System.***out***.println("WELCOME to LOCKedMe.com");

System.***out***.println("Devloper name: Swaraj Sambare");

System.***out***.println("Features to accept the user input are:");

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

**int** userChoice;

**boolean** quit = **false**;

**do** {

System.***out***.println("1. Return the current file names in ascending order");

System.***out***.println("2. Add a file to the existing directory list");

System.***out***.println("3. Delete a user specified file from the existing directory list");

System.***out***.println("4. Search a user specified file from the main directory ");

System.***out***.println("5. Option to navigate back to the main context ");

System.***out***.println("Close your Application, 0 to quit: ");

userChoice = scan.nextInt();

**switch** (userChoice) {

**case** 1:

File dir = **new** File("C:\\Program Files");

File[] files = dir.listFiles();

Arrays.*sort*(files, (f1, f2) -> f1.compareTo(f2));

**for** (File file : files) {

**if** (!file.isHidden()) {

**if** (file.isDirectory()) {

System.***out***.println("DIRECTORY \t" + file.getName());

} **else** {

System.***out***.println("FILE\t" + file.getName());

}

}

}

**break**;

**case** 2:

System.***out***.println("Enter the path to create a directory: ");

String path = scan.next();

System.***out***.println("Enter the name of the desired a directory: ");

path = path+scan.next();

File file = **new** File(path);

**boolean** flag = file.mkdir();

**if**(flag){

System.***out***.println("Directory created successfully");

}**else**{

System.***out***.println("Sorry couldn’t create specified directory");

}

**break**;

**case** 3:

**try**

{

File f= **new** File("E:\\demo.txt");// Enter the file name you want to delete

**if**(f.delete())

{

System.***out***.println(f.getName() + " deleted");

}

**else**

{

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

}

}

**catch**(Exception e)

{

e.printStackTrace();

}

**break**;

**case** 4:

File dir1 = **new** File("C:");

FilenameFilter filter = **new** FilenameFilter() {

**public** **boolean** accept (File dir, String name) {

**return** name.startsWith("b");

}

};

String[] directory = dir1.list(filter);

**if** (directory == **null**) {

System.***out***.println("Either directory does not exist or it is not a directory");

} **else** {

**for** (**int** i = 0; i< directory.length; i++) {

String filename = directory[i];

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

}

}

**break**;

**case** 5:

System.***out***.println("Back to the login page");

**break**;

**case** 0:

quit = **true**;

**break**;

**default**:

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

**break**;

}

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

} **while** (!quit);

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

}

}