**package** Assesment1;

**import** java.io.File;

**import** java.io.IOException;

**import** java.util.Arrays;

**import** java.util.Scanner;

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

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

{

String fileName;

**int** choice;

//String[] list = directory.list();

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

System.***out***.println("------------------------------WELCOME-------------------------------");

System.***out***.println("\*\*\*\*\*\*FULL STACK JAVA DEVELOPER\*\*\*\*\*\*");

System.***out***.println("\*\*\*\*\*\*\*\*\*\*ASSESSMENT 1\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("\*\*\*DEVELOPER NAME :- VIJAY GAVANDE\*\*\*");

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

**do**

{

System.***out***.println("PRESS 1 FOR RETRIEVING FILES IN ASCENDING ORDER ");

System.***out***.println("PRESS 2 FOR BUSSINESS LEVEL OPERATIONS");

System.***out***.println("PRESS 3 FOR EXIT");

System.***out***.println("PLEASE ENTER YOUR CHOICE");

choice =sc.nextInt();

**switch**(choice)

{

**case** 1:

File directory = **new** File("C:\\Users\\Lenovo\\Downloads\\Ebooks (14)\\");

String files[]=directory.list();

Arrays.*sort*(files);

System.***out***.println("List of files :");

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

System.***out***.println(files[i]);

}

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

**break**;

**case** 2:

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

{

System.***out***.println("PRESS 1 FOR FILE CREATION");

System.***out***.println("PRESS 2 FOR FILE REMOVE");

System.***out***.println("PRESS 3 FOR SEARCH FILE");

System.***out***.println("PRESS 4 FOR RETURN TO MAIN MENU");

System.***out***.println("PLEASE ENTER YOUR CHOICE");

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

**if**(ch==1)

{

System.***out***.println("PLEASE ENTER FILE NAME FOR CREATING NEW FILE");

fileName=sc.next();

File file = **new** File("C:\\Users\\Lenovo\\Downloads\\Ebooks (14)\\" + fileName + ".txt");

**if** (file.exists()) {

System.***out***.println("file already exists");

}

**else** {

**try** {

file.createNewFile();

System.***out***.println("File created Successfully\n");

}

**catch** (IOException e) {

System.***out***.println("Please enter a valid file name");

e.printStackTrace(); }

}

}

**else** **if** (ch==2) {

System.***out***.println("Enter the file name which you want to delete");

fileName = sc.next();

File file = **new** File("C:\\Users\\Lenovo\\Downloads\\Ebooks (14)\\"+ fileName + ".txt");

**if** (file.delete()) {

System.***out***.println("File deleted successfully");

}

**else** {

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

System.***out***.println("File Not Found");

}

}

**else** **if** (ch==3) {

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

fileName = sc.next();

File dir = **new** File("C:\\Users\\Lenovo\\Downloads\\Ebooks (14)\\");

**int** flag = 0;

String files1[] = dir.list();

**for** (String string : files1) {

**if** (string.equals(fileName)) {

System.***out***.println("File " + fileName + " found");

flag++;

**break**;

}

}

**if** (flag == 0) {

System.***out***.println("File Not Found");

}

}

**else** **if** (ch==4) {

**break**;

}

**else** {

System.***out***.println("WRONG CHOICE");

}

}

**break**;

**case** 3:

System.***out***.println("THANK YOU");

**break**;

**default**:

System.***out***.println("WRONG CHOICE");

}

}**while**(choice!=3);

}

}