package com;

import java.io.File;

import java.util.Arrays;

import java.util.Scanner;

public class LockMe {

static final String path = "/home/helenabtjmayban/Desktop/Assignment Phase 1/FileFolder/";

public static void display() {

System.out.println("PLEASE ENTER OPTION");

System.out.println("OPTION 1: Retrieve all file in ascending order");

System.out.println("OPTION 2 Add new file");

System.out.println("OPTION 3: Delete file");

System.out.println("OPTION 4: Search file");

System.out.println("OPTION 5: Exit");

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

System.out.println("OPTION SELECTED : ");

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

}

public static void proceed() {

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

System.out.println("Continue? Press Y for Main Menu");

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

Scanner scyn = new Scanner(System.in);

String inp = scyn.nextLine();

String inp1 = inp.toUpperCase();

if (inp1.equals("Y")) {

display();

}else {

System.out.println("EXIT SYSTEM. SEE YOU AGAIN");

}

}

public static void main(String[] args) {

System.out.println("WELCOME to LOCKME.COM");

System.out.println("FILE MANAGEMENT TOOLS");

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

Scanner sc = new Scanner(System.in);

int opt = 0;

display();

try {

do {

opt = Integer.parseInt(sc.nextLine());

switch (opt) {

case 1:

System.out.println("RETRIEVE ALL FILES IN ASCENDING ORDER");

File fff = new File(path);

String listoffiles[] = fff.list();

Arrays.sort(listoffiles);

System.out.println("Folder name :"+fff.getAbsolutePath());

for (String fname : listoffiles) {

System.out.println(fname);

}

proceed();

break;

case 2:

System.out.println("ADD NEW FILE");

Scanner sc1 = new Scanner(System.in);

String f1 = sc1.nextLine();

File ff1 = new File(path +f1);

if (ff1.createNewFile()) {

System.out.println("File created");

} else {

System.out.println(f1 +" file exists. Please create another new file");

}

proceed();

break;

case 3:

System.out.println("DELETE FILE");

Scanner sc2 = new Scanner(System.in);

String f2 = sc2.nextLine();

File ff2 = new File(path +f2);

if (ff2.delete()) {

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

} else {

System.out.println(f2 +" not found. Please try again");

}

proceed();

break;

case 4:

System.out.println("SEARCH FILE");

System.out.println("ENTER FILE NAME TO SEARCH");

Scanner sc3 = new Scanner(System.in);

String f3 = sc3.next();

File ff3 = new File(path +f3);

if (ff3.exists()) {

System.out.println("File exist");

} else {

System.out.println("File not found. Please try again");

}

proceed();

break;

case 5:

System.out.println("EXIT SYSTEM. SEE YOU AGAIN");

break;

default:

System.out.println("WRONG OPTION SELECTED");

proceed();

break;

}

} while (opt>0);

} catch (Exception e) {

System.out.println("WRONG OPTION SELECTED");

proceed();

}

}

}