import java.io.File;

import java.io.FilterOutputStream;

import java.io.IOException;

import java.util.Scanner;

@SuppressWarnings("unused")

public class Phase1 {

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

System.out.println("Project Name: File Handling \nDeveloper Name: Ankita Asati\n");

System.out.println("1 Display all file\n");

System.out.println("2 Adding a file\n");

System.out.println("3 Searching a file\n");

System.out.println("4 Delete files\n");

System.out.println("5 Exit\n");

Scanner sc= new Scanner(System.in);

int choice= sc.nextInt();

while (choice > 5)

{ System.out.println("Please enter valid choice");

choice= sc.nextInt();

}

while (choice<5)

{

String path = "C:\\\\Users\\\\91988\\\\Desktop\\\\testp\\\\";

switch(choice)

{

case 1 :

System.out.println("1 Display all file");

System.out.println("2 Adding a file");

System.out.println("3 Searching a file");

System.out.println("4 Delete files");

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

File f=new File(path);

File[] files =f.listFiles();

for(File ff:files)

{

System.out.println(ff.getName());

}

break;

case 2:

System.out.println("enter the file in the directory ");

String filename51=sc.next();

//File

File f1=new File(path+filename51);

//create a new file

boolean b15=f1.createNewFile();

if(b15!=true) {

System.out.println("file not created");

}

else {

System.out.println("file created in the path" +path);

}

break;

case 3:

String path1 = "C:\\\\Users\\\\91988\\\\Desktop\\\\testp\\\\";

System.out.println("enter the file to be searched" );

String filename1=sc.next();

//File

File f2=new File(path1);

File filenames[]=f2.listFiles();

int flag=0;

for(File ff: filenames) {

if(ff.getName().equals(filename1)) {

flag=1;

break;

}

else {

flag=0;

}

}

if(flag==1) {

System.out.println("the file is found");

}

else {

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

}

break;

case 4:

System.out.println("enter the file to be deleted");

String filename511=sc.next();

//File

File f11=new File(path+filename511);

//delete a file

f11.delete();

System.out.println("file is deleted");

break;

case 5:

System.exit(0);break;

default:

System.out.println("Please choose valid option");

}

System.out.println("Enter choice again \n ");

System.out.println(" 1 Display all file");

System.out.println(" 2 Adding a file");

System.out.println(" 3 Searching a file");

System.out.println(" 4 Delete files");

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

choice= sc.nextInt();

}

}

}