package FileHandling;

import java.io.BufferedWriter;

import java.io.File;

import java.io.FileWriter;

import java.io.PrintWriter;

import java.nio.charset.StandardCharsets;

import java.nio.file.Files;

import java.nio.file.Paths;

import java.util.Collections;

import java.util.Iterator;

import java.util.List;

import java.util.Scanner;

public class Filehandling {

public static List<String> readFile(String fileName)

{

return null;

}

public static void main(String args[]){

Scanner sc=new Scanner(System.in);

String choice;

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

System.out.println("1.Read");

System.out.println("2.Write");

System.out.println("3.Append");

System.out.println("Enter your choice");

choice=sc.nextLine();

if(choice.equals("1"))

{

List<String> list=Collections.emptyList();

try{

list=Files.readAllLines(Paths.get("E:\\Simplilearn\\file.txt"),StandardCharsets.UTF\_8);

Iterator<String> it =list.iterator();

while(it.hasNext())

{

System.out.println(it.next());

}

}catch (Exception e)

{

e.printStackTrace();

}

}

else if(choice.equals("2"))

{

try {

FileWriter fw = new FileWriter("E:\\Simplilearn\\file.txt");

fw.write("Welcome to Java programming");

fw.close();

System.out.println("File Write Done");

}

catch (Exception e) {

System.out.println("There are some Exception");

}

}

else if(choice.equals ("3"))

{

try {

String data = "Happy Learning!";

File f = new File("E:\\Simplilearn\\file.txt");

if(!f.exists()) {

f.createNewFile();

}

FileWriter fileWritter = new FileWriter(f.getName(),true);

BufferedWriter out = new BufferedWriter(fileWritter);

out.write(data);

out.close();

System.out.println("Done");

} catch(Exception e){

e.printStackTrace();

}

}

}

}