Implementing FileReader and FileWriter class to read and write the data from file

CODE:

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.Scanner;

public class FileReadWrite {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

// Input source file name

System.out.print("Enter the source file name: ");

String sourceFileName = scanner.nextLine();

// Input destination file name

System.out.print("Enter the destination file name: ");

String destinationFileName = scanner.nextLine();

try {

// Read data from source file and write it to destination file

readFileAndWriteToFile(sourceFileName, destinationFileName);

System.out.println("Data copied from " + sourceFileName + " to " + destinationFileName + " successfully.");

} catch (IOException e) {

System.out.println("An error occurred while reading/writing the file.");

e.printStackTrace();

} finally {

scanner.close(); // Closing the scanner object

}

}

public static void readFileAndWriteToFile(String sourceFileName, String destinationFileName) throws IOException {

// Using FileReader and FileWriter to read from source file and write to destination file

try (FileReader reader = new FileReader(sourceFileName);

FileWriter writer = new FileWriter(destinationFileName)) {

int data;

while ((data = reader.read()) != -1) {

writer.write(data);

}

}

}

}

OUTPUT:

C:\javap>javac FileReadWrite.java

C:\javap>java FileReadWrite

Content written to file successfully.

Content read from file: Computer Science and Engineering

