1. Write a program to read the data from the file and copy it on another file

CODE:

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.Scanner;

public class FileCopy {

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();

// Copy data from source file to destination file

try {

copyFile(sourceFileName, destinationFileName);

System.out.println("File copied successfully.");

} catch (IOException e) {

System.out.println("An error occurred while copying the file.");

e.printStackTrace();

}

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

}

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

try (BufferedReader reader = new BufferedReader(new FileReader(sourceFileName));

BufferedWriter writer = new BufferedWriter(new FileWriter(destinationFileName))) {

String line;

while ((line = reader.readLine()) != null) {

writer.write(line);

writer.newLine();

}

}

}

}

OUTPUT:

C:\javap>javac FileCopy.java

C:\javap>java FileCopy

Enter the source file name: desktop

Enter the destination file name: javap

An error occurred while copying the file.

java.io.FileNotFoundException: desktop (The system cannot find the file specified)

at java.base/java.io.FileInputStream.open0(Native Method)

at java.base/java.io.FileInputStream.open(FileInputStream.java:213)

at java.base/java.io.FileInputStream.<init>(FileInputStream.java:152)

at java.base/java.io.FileInputStream.<init>(FileInputStream.java:106)

at java.base/java.io.FileReader.<init>(FileReader.java:60)

at FileCopy.copyFile(FileCopy.java:33)

at FileCopy.main(FileCopy.java:22)

