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BRANCH – BTECH CSE   SEC = 13 A

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Write a program to copy from one file to another.

Code -

```java
package com.company;

// Java program to copy content from
// one file to another

import java.io.*;
import java.util.*;

public class pra {

    public static void copyContent(File a, File b)
            throws Exception
    {
        FileInputStream in = new FileInputStream(a);
        FileOutputStream out = new FileOutputStream(b);

        try {

            int n;

            // read() function to read the
            // byte of data
            while ((n = in.read()) != -1) {
                // write() function to write
                // the byte of data
                out.write(n);
            }
        }
        finally {
            if (in != null) {

                // close() function to close the
                // stream
                in.close();
            }
            // close() function to close
```

```java
                // the stream
                if (out != null) {
                    out.close();
                }
            }
        System.out.println("File Copied");
    }

    public static void main(String[] args) throws Exception
    {
        Scanner sc = new Scanner(System.in);

        // get the source file name
        System.out.println(
                "Enter the source filename from where you have to read/copy
:");
        String a = sc.nextLine();

        // source file
        File x = new File(a);

        // get the destination file name
        System.out.println(
                "Enter the destination filename where you have to write/paste
:");
        String b = sc.nextLine();

        // destination file
        File y = new File(b);

        // method called to copy the
        // contents from x to y
        copyContent(x, y);
    }
}
```

OUTPUT –

sourcefile - Notepad
File Edit Format View Help
This content is copied to destination file.

destinationfile - Notepad
File Edit Format View Help
This content is copied to destination file.

```
Run:    pra ×                                                              ⚙ —
 ►   ↑   Enter the source filename from where you have to read/copy :
 �’  ↓   sourcefile.txt
 ■   ⇥   Enter the destination filename where you have to write/paste :
         destinationfile.txt
 »   »   File CopiedEnter the destination filename where you have to write/paste :
 ► Run   ≡ TODO   ❶ Problems   ▣ Terminal   ⚒ Build                    ❸ Event Log
 ☐  Build completed successfully in 4 sec, 70 … (a minute ago)       5:2  LF  UTF-8  4 spaces
```