

Aashish Shrestha

Unit #1.4

1)Write the simple java program that reads data from one file and writes data to another file. [2070, 2071, 2073, 2074]

Program:

```
package pkg1.pkg4.pkg1;

/**
 *
 * @Aashish Shrestha.
 */
import java.io.*;
import java.nio.file.FileSystemNotFoundException;

public class CharacterStreamCopy {

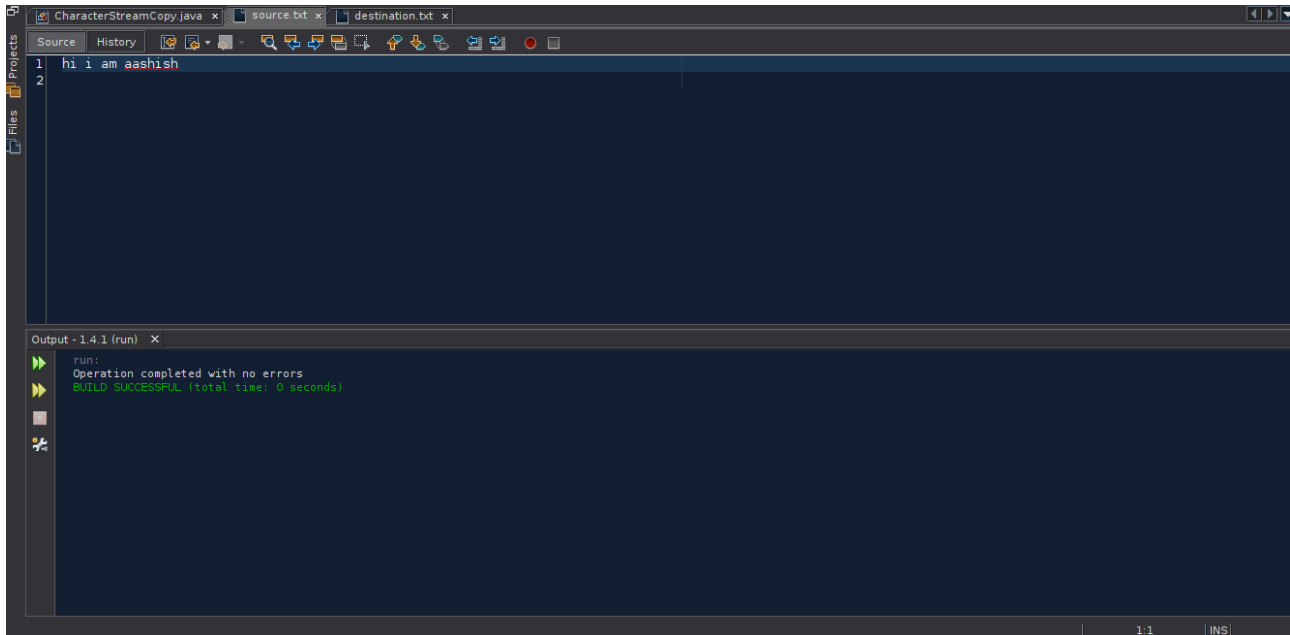
    /**
     * @param args the command line arguments
     */
    public static void main(String[] args) throws
    FileSystemNotFoundException, IOException {
        FileReader in = null;
        FileWriter out = null;
        try {
            in = new FileReader("source.txt");
            out = new FileWriter("destination.txt");
            int temp;
            while (true) {
                temp = in.read();
                if (temp == -1) {
                    break;
                } else {
                    out.write(temp);
                }
            }

            } catch (FileNotFoundException e) {
                System.out.println("The required file is not found");
            } catch (IOException e) {
                System.out.println("The file writing operation could not be
complete");
            } catch (Exception e) {
                System.out.println("Error Occoured");
            } finally {
                System.out.println("Operation completed with no errors");
                if (in != null) {
                    in.close();
                }
                if (out != null) {
                    out.close();
                }
            }
        }
    }
}
```

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Output:

The text that we have on the Source file is :



And the destination file was created bu the program with the following text :

