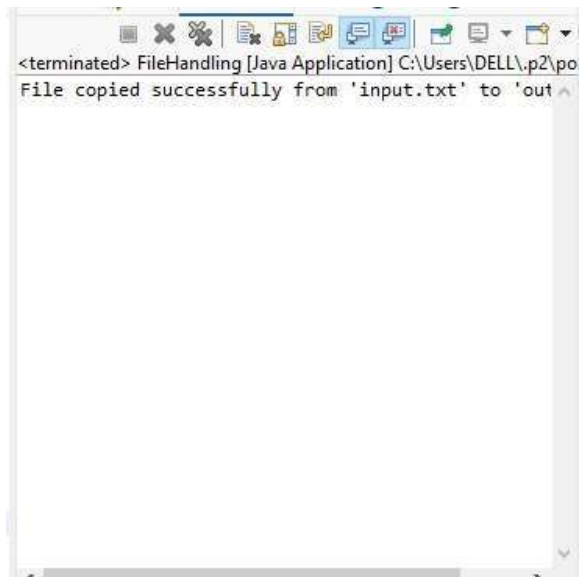


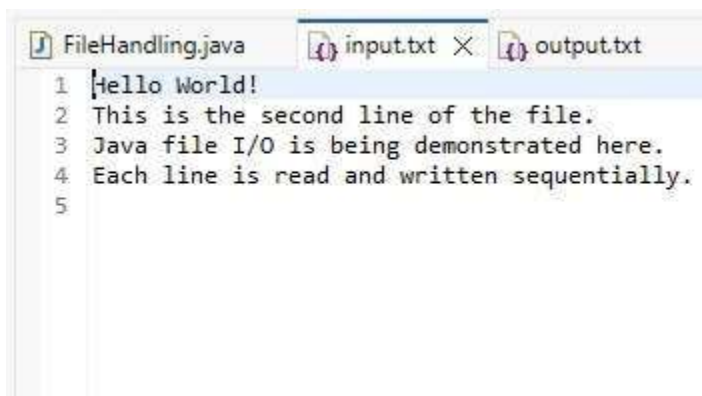
Practical 13: write a java program which data is read from one file and should be written in another file line by line

```
package Utkarsha;
import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;
/**
 * This program reads data from a source file and writes it to a destination file,
 * line by line.
 */
public class FileHandling {
    public static void main(String[] args) {
        String sourceFilePath = "input.txt";
        String destinationFilePath = "output.txt";
        try {
            createSampleInputFile(sourceFilePath);
            try (BufferedReader reader = new BufferedReader(new FileReader(sourceFilePath));
                BufferedWriter writer = new BufferedWriter(new FileWriter(destinationFilePath))) {
                String currentLine;
                while ((currentLine = reader.readLine()) != null) {
                    writer.write(currentLine);
                    writer.newLine();
                }
                System.out.println("File copied successfully from " + sourceFilePath + " to " +
                    destinationFilePath);
            }
        } catch (IOException e) {
            System.err.println("An error occurred during the file operation.");
            e.printStackTrace();
        }
    }
    /**
     * Helper method to create a sample input file with some content.
     * @param filePath The path of the file to create.
     * @throws IOException If an I/O error occurs.
     */
    private static void createSampleInputFile(String filePath) throws IOException {
        try (BufferedWriter writer = new BufferedWriter(new FileWriter(filePath))) {
            writer.write("Hello World!");
            writer.newLine();
            writer.write("This is the second line of the file.");
            writer.newLine();
            writer.write("Java file I/O is being demonstrated here.");
            writer.newLine();
            writer.write("Each line is read and written sequentially.");
            writer.newLine();
        }
    }
}
```

File handling output:-



Input.txt file



Output.txt

