

## Source Code

```
import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.FileReader;
import java.io.FileWriter;
import java.io.IOException;

public class FileHandling {
    public static void main(String[] args) {
        String fileName = "example.txt";

        // Writing to the file
        writeToFile(fileName, "This is a test message.\n");

        // Reading from the file
        String content = readFromFile(fileName);
        System.out.println("Content read from the file:");
        System.out.println(content);

        // Appending to the file
        appendToFile(fileName, "This is an appended message.\n");

        // Reading from the file after appending
        content = readFromFile(fileName);
        System.out.println("Content after appending:");
        System.out.println(content);
    }

    // Method to write content to a file
    public static void writeToFile(String fileName, String content) {
        try (BufferedWriter writer = new BufferedWriter(new
FileWriter(fileName))) {
            writer.write(content);
            System.out.println("Content written to the file.");
        } catch (IOException e) {
            System.out.println("An error occurred while writing to the
file: " + e.getMessage());
        }
    }

    // Method to read content from a file
    public static String readFromFile(String fileName) {
        StringBuilder content = new StringBuilder();
        try (BufferedReader reader = new BufferedReader(new
FileReader(fileName))) {
            String line;
            while ((line = reader.readLine()) != null) {
                content.append(line).append("\n");
            }
        } catch (IOException e) {
            System.out.println("An error occurred while reading from the
file: " + e.getMessage());
        }
        return content.toString();
    }

    // Method to append content to a file
```

```
    public static void appendToFile(String fileName, String content) {  
        try (BufferedWriter writer = new BufferedWriter(new  
FileWriter(fileName, true))) {  
            writer.write(content);  
            System.out.println("Content appended to the file.");  
        } catch (IOException e) {  
            System.out.println("An error occurred while appending to the  
file: " + e.getMessage());  
        }  
    }  
}
```