Import java.io.\*;

Import java.nio.file.\*;

Public class FileHandler {

// Method to write text to a file

Public static void writeFile(String fileName, String content) {

Try (BufferedWriter writer = new BufferedWriter(new FileWriter(fileName))) {

Writer.write(content);

System.out.println(“Write operation completed.”);

} catch (IOException e) {

System.err.println(“Error writing to file: “ + e.getMessage());

}

}

// Method to read contents of a file

Public static void readFile(String fileName) {

Try (BufferedReader reader = new BufferedReader(new FileReader(fileName))) {

String line;

System.out.println(“Contents of the file:”);

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

System.out.println(line);

}

} catch (IOException e) {

System.err.println(“Error reading the file: “ + e.getMessage());

}

}

// Method to append content to an existing file

Public static void modifyFile(String fileName, String newContent) {

Try (BufferedWriter writer = new BufferedWriter(new FileWriter(fileName, true))) {

Writer.newLine(); // Add a newline before appending

Writer.write(newContent);

System.out.println(“Modification (append) completed.”);

} catch (IOException e) {

System.err.println(“Error modifying the file: “ + e.getMessage());

}

}

Public static void main(String[] args) {

String fileName = “sample.txt”;

// Writing initial content to the file

writeFile(fileName, “Hello, this is the original content.”);

// Reading the file

readFile(fileName);

// Modifying the file (appending)

modifyFile(fileName, “This is the appended content.”);

// Reading again after modification

readFile(fileName);

}

}