

```

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

public class FileOperationsDemo {

    // Method to write to a file
    public static void writeFile(String filename, String content) throws IOException {
        FileWriter writer = new FileWriter(filename);
        writer.write(content);
        writer.close();
        System.out.println(" File written successfully.");
    }

    // Method to read from a file
    public static void readFile(String filename) throws IOException {
        BufferedReader reader = new BufferedReader(new FileReader(filename));
        String line;
        System.out.println("\n📄 Reading File Content:");
        while ((line = reader.readLine()) != null) {
            System.out.println(line);
        }
        reader.close();
    }

    // Method to modify a file (replace a word)
    public static void modifyFile(String filename, String oldWord, String newWord) throws
    IOException {
        File file = new File(filename);
        Scanner scanner = new Scanner(file);
        String modifiedContent = "";

        while (scanner.hasNextLine()) {
            String line = scanner.nextLine();
            modifiedContent += line.replaceAll(oldWord, newWord) + "\n";
        }
        scanner.close();

        FileWriter writer = new FileWriter(filename);
        writer.write(modifiedContent);
        writer.close();
        System.out.println("\n File modified successfully.");
    }

    public static void main(String[] args) {

```

```
String filename = "example.txt";
String content = "Hello World!\nThis is a sample file.\nWelcome to Java File Handling.";

try {
    // Step 1: Write
    writeFile(filename, content);

    // Step 2: Read
    readFile(filename);

    // Step 3: Modify (e.g., replace "Java" with "Awesome Java")
    modifyFile(filename, "Java", "Awesome Java");

    // Step 4: Read modified file
    readFile(filename);

} catch (IOException e) {
    System.out.println(" Error: " + e.getMessage());
}
}
```