package operations;

import java.io.File;

import java.io.IOException;

import java.nio.file.Files;

import java.nio.file.Path;

import java.nio.file.Paths;

import java.nio.file.StandardOpenOption;

import java.util.List;

public class Operations {

public static void main(String[] args) throws IOException {

// Creating a new file

File file = new File("example.txt");

if (file.createNewFile()) {

System.out.println("File created: " + file.getName());

} else {

System.out.println("File already exists.");

}

// Writing to a file

String content = "Hello, world!";

Files.write(Paths.get("example.txt"), content.getBytes(), StandardOpenOption.APPEND);

System.out.println("Content written to file.");

// Reading from a file

List<String> lines = Files.readAllLines(Paths.get("example.txt"));

System.out.println("Content of the file:");

for (String line : lines) {

System.out.println(line);

}

// Updating a file

content = "Updated content.";

Files.write(Paths.get("example.txt"), content.getBytes());

System.out.println("File updated with new content.");

// Deleting a file

if (file.delete()) {

System.out.println("File deleted: " + file.getName());

} else {

System.out.println("Failed to delete file.");

}

}

}

