import java.io.File;

import java.io.FileOutputStream;

import java.io.FileWriter;

import java.io.IOException;

import java.nio.charset.StandardCharsets;

import java.nio.file.Files;

import java.nio.file.Paths;

import java.nio.file.StandardOpenOption;

import java.util.Arrays;

import java.util.List;

public class CreateNewFile

{

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

{

createFileUsingFileClass();

createFileUsingFileOutputStreamClass();

createFileIn\_NIO();

}

private static void createFileUsingFileClass() throws IOException

{

File file = new File("c://temp//testFile1.txt");

//Create the file

if (file.createNewFile()){

System.out.println("File is created!");

}else{

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

}

//Write Content

FileWriter writer = new FileWriter(file);

writer.write("Test data");

writer.close();

}

private static void createFileUsingFileOutputStreamClass() throws IOException

{

String data = "Test data";

FileOutputStream out = new FileOutputStream("c://temp//testFile2.txt");

out.write(data.getBytes());

out.close();

}

private static void createFileIn\_NIO() throws IOException

{

String data = "Test data";

Files.write(Paths.get("c://temp//testFile3.txt"), data.getBytes());

List<String> lines = Arrays.asList("1st line", "2nd line");

Files.write(Paths.get("file6.txt"),

lines,

StandardCharsets.UTF\_8,

StandardOpenOption.CREATE,

StandardOpenOption.APPEND);

}

}