

File Handling : Source Code

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package package1;

import java.io.File;
import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.FileOutputStream;
import java.io.FileWriter;
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.Scanner;
import java.io.FileReader;

public class fileTest {

    //creating a new file
    private static void createFile() throws IOException {
        File file = new File("c:/javafsd/testFile9.txt");

        if (file.createNewFile()){
            System.out.println("File is created!");
        }else{
            System.out.println("File already exists.");
        }
    }

    // Writing in to a file using Filewriter
    private static void writeFile() throws IOException{

        FileWriter writer = new FileWriter("c:/javafsd/testFile9.txt");
        writer.write("Hello!");
        writer.close();
    }

    // reading a file using scanner
    private static void readFile() throws FileNotFoundException {

        Scanner scanner = new Scanner(new File("c:/javafsd/testFile9.txt"));
        while(scanner.hasNextLine()) {
            System.out.println(scanner.nextLine());
        }
        scanner.close();
    }
}
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    }

    // appending a file
    private static void appFile() throws IOException {

        String textToAppend = " How are you?";
        Path path = Paths.get("c:/javafsd/testFile9.txt");
        Files.write(path, textToAppend.getBytes(),
StandardOpenOption.APPEND);
        Files.wr
    }

    //main method
    public static void main(String[] args) throws IOException{
        createFile();
        writeFile();
        readFile();
        appFile();
        System.out.println("----- After appending -----");
        readFile();
    }
}

```