//async read write append promise

import fs from 'fs/promises';

// fs.readFile('test.txt', 'utf-8', (err,txt) =>{

//     if(err) throw err;

//     console.log(txt);

// });

// const txt2 = fs.readFileSync('test.txt', 'utf-8');

// console.log(txt2);

//read text from file async

const asyyncReadATextFile = async () =>{

    try {

        const data = await fs.readFile('test.txt', 'utf-8');

        console.log(data);

    } catch (error) {

        console.log(error);

    }

}

//write text to file async

const asyyncWriteToTextFile = async () =>{

    try {

        await fs.writeFile('test.txt', 'this is text writeen to test file ');

    } catch (error) {

        console.log(error);

    }

}

//append text to file async

const asyyncAppendToTextFile = async () =>{

    try {

        await fs.appendFile('test.txt', '\n chowmin momo dumplings');

    } catch (error) {

        console.log(error);

    }

}

//calling functions sequentially

//IIFE => immediately invoke function

//ensures async function are executed sequentially

const WriteAppendReadFile =  async () =>{

    asyyncWriteToTextFile();

    asyyncAppendToTextFile();

    asyyncReadATextFile();

}

WriteAppendReadFile();

promise

//promise function

fs.readFile('test.txt', 'utf-8')

.then ((data) => { console.log(data)  } )

.catch ((err) => { console.log(err)  } )