

In-class problem

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1. What is the standard output for the JavaScript code?

```
// this will be the main entry point for the application
const {writeFile} = require("fs");

// writeFile is a function that takes a file name, a string, and a
// callback
writeFile("graffiti.txt", "I promise the Node was here", err => {

    // if there is an error, throw it
    if (err) console.log(`Failed to write file: ${err}`);

    // otherwise, log success
    else console.log("File written");
});

const {readFile} = require("fs").promises;

// readFile returns a promise that resolves to the contents of the file
readFile("graffiti.txt", "utf8").then(text => console.log("The file
contains:", text));
```

2. Add comments to each line of code to the right.

```
> File written
> The file contains: I promise the Node was here
```

3. Assuming the file 20_node.html existed on eloquentjavascript.net, what is the LINUX terminal output for the JavaScript code to the right?

4. Add comments

```
// get the request function from the http module
const {request} = require('http');

// requestStream is a readable stream
let requestStream = request({
    // key-value pairs of headers
    hostname: 'eloquentjavascript.net',
    path: '/20_node.html',
    method: 'GET',
    headers: {Accept: 'text/html'}
    // the response is the second parameter of the callback
}, response => {
    console.log('Server responded with status code', response.statusCode);
});

// the end() will finish the request and close it
requestStream.end();

// output should be:
// Server responded with status code 200
```