**CPAN 227 Modern Web Technologies**

**LAB 1**

**Lab 1 Instructions**

**Lab 1 – Basic HTTP Server**

**This lab reinforces the concepts covered in class. You will build a simple web server using only the http and fs modules. It should serve three routes and return HTML pages.**

**1. Create a new folder and run npm init -y**

**2. Create index.html, about.html, and contact.html**

**3. Use fs.readFile() to serve correct HTML pages on /, /about, and /contact**

**4. Return a 404 page for unknown routes**

**5. Log incoming requests using console.log(req.url)**

**6. Set correct content types using res.setHeader()**

**7. Test your routes in the browser and Postman**

**8. Push the project to GitHub and submit the link**

**Bonus Challenge (Optional)**

**Add a basic style.css file and serve it using another fs.readFile() call when the user accesses /style.css. Link it in your HTML files.**

**Note: Refer Blackboard content module 2 for introduction to server**