# README

## How to Execute Code:

In the Lab4 zip, when you unzip you will find both the ‘backend’ and ‘frontend’ folders. A terminal should be opened for each of these simultaneously.

In the terminal with the current working directory set to the ‘backend’ folder, do the following steps:

1. Install all required dependencies with the command `npm install`
2. Run the command to start the server `node app.js`
3. The server has started. Open a new terminal in the ‘frontend’ directory while leaving this running.

In the 2nd terminal that has the current working directory set to the ‘backend’ folder, do the following steps:

1. Install all required dependencies with the command `npm install`
2. Run the command to start the server `npm start`

The app should start fine and then you need to open your browser to <http://localhost:3000>

Any issues contact by email.

## Parts Completed:

The Express API backend was finished completely with all REST endpoints as described in the brief available and working. An interface was created. This used the REST endpoints for the retrieving the products and allowed filtering by category and search input (product title and/or brand) together or separate. Products are displayed using pagination and each have their own webpage for doing things like editing and deleting them as well as displaying more information.

## Forum Discussion Piece

The forum discussion article is also in a DOCX file in this folder. It is called forum\_doc.docx