Introduction Lab

Congratulations! You and your partners have just been hired by Northwind Traders, a restaurant supplier to build the warehouse management system (WMS) for their burgeoning business! They've been
1. keeping track of inventory,
2. shipping product,
3. and receiving new product into their small warehouse

all by hand! Their growth has taken them to the point where they need to automate.

Let's get started!

Make sure node and npm are installed

1. Open a terminal window and run this command:
```
node --version
```
2. Did you see a version number? If so, you have npm installed and you can skip to "Make sure Angular CLI is Installed". If not, go to the next step.
3. Point your browser at http://nodejs.org
4. Click the download button on the main page. Choose the one recommended for most users; it will be the stable release.
5. Follow the instructions to install it on your machine. This will install both npm and node.
6. Rerun your node --version command to make sure it is installed alright. If you get command not found, you should probably reboot so make sure your PATH has been reread.

Make sure Angular CLI is installed

7. Open a terminal window and run this command:
```
ng --version
```
8. Did you see a version number? If so, you have the Angular CLI installed and you can skip to "Download the starter files". If not, go to the next step.
9. Open a bash shell as an administrator and run this command
```
npm install --global @angular/cli
```
10. Rerun your ng --version command to make sure it has installed properly.
11. If it does, skip to " Download the starter files ". If not, you'll need to add the installation directory to your PATH. That installation directory on Windows is *%APPDATA%/npm*. On MacOS, it is */usr/local/bin/ng*.

Download the starter files

12. Point your browser to the site your instructor gives you to download and install the starter files.
13. Take a look around the directory structure. You should see these directories:

instructions	Will eventually hold each lab's instructions
setup	Files and commands to load the database. Some code snippets.
webServer	The server-side code which is pre-written for you.

14. This is the root of your project. Please make a note of it here:
    _____

Install needed libraries

15. Open a terminal window and cd to the webServer directory
16. Run this command in the bash shell
```
npm install
```
This will install the libraries needed for the API server.

Testing the web server

17. Now start the web server. Make sure you're in the webServer directory. Run this command:
```
npm run start
```

It will tell you it is listening on a particular port, usually 3000.

18. Try a few of these addresses:
```
localhost:3000/api/products
localhost:3000/api/locations
localhost:3000/api/orders/10250
```

If you can see data, you are up and running! You can be finished with this lab.