

# Hello React Lab

Congratulations! You and your partners have just been hired by *Dinner And A Movie*, a movie theater and restaurant combination. They want us to build the movie booking system for their burgeoning business. They've been selling tickets by hand only in person and having the people pick their own seats. We're going to write the start for their web-based system that will allow customers to search for a showing and book reserved seats.

Let's get started!

## Make sure node and npm are installed

1. Get to a command prompt and run this command:  
`node --version`
2. Did you see a version number? If so, you have node installed and you can skip to "Download the starter files". 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.

## Download the starter files

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

instructions	Will eventually hold each lab's instructions
server	The RESTful API server. Pre-written for you.
starters	Some pre-baked images and html, css, and JavaScript files so you don't have to do as much busy work later on.

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

---

## Running the API server

10. Open a command window and cd to the server directory. Run these commands  
`npm install`                   # This will install libraries  
`npm run reload-daam`       # Will create the database with data  
`npm run server`            # Will run the API server

11. Try a few of these addresses:  
`localhost:3007/films`  
`localhost:3007/theaters`  
`localhost:3007/showings/10`

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