Intro to React.js - Simple Weather Web App

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Installation of tools - THIS IS ALREADY DONE ON THE LAB MACHINES:

- Download and install heroku's command line tools - https://toolbelt.heroku.com/
- Download and install github's command line tools - https://git-scm.com/downloads - https://help.github.com/articles/set-up-git/#setting-up-git
- Download and install Node.js (please make sure to select **LTS** and not **Current**) - https://nodejs.org/en/download/
- Download and install Atom text editor (https://atom.io/)

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BEFORE STARTING:

Students will still need to set these environment variables at the start:

set   **http_proxy=http://193.1.120.28:80**

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set   **path=c:\Program Files\nodejs;c:\program files\heroku\bin;c:\Program Files\Git\bin**

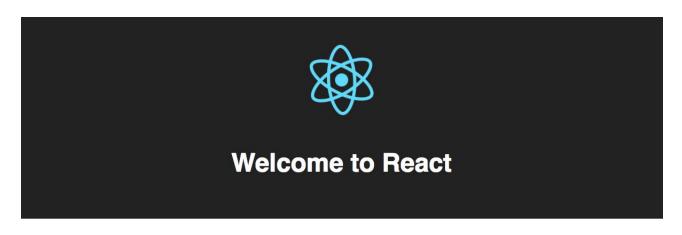And the working directory for npm is   **%appdata%\npm**

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- Create Heroku account (primary development language = 'I use another language') - https://signup.heroku.com/
- Open the command line (Windows shell) and execute the below commands:

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1. <u>Setup heroku, type:</u>
   - ❏   `heroku`   (it will ask for login: enter email and password for your Heroku account)

2. <u>Create a react app using create-react-app</u>
   - ❏   `cd %appdata%\npm`
   - ❏   `npm install -g create-react-app`
   - ❏   `create-react-app follow-the-weather-sara (`*`use your name!`*`)`
   - ❏   `cd follow-the-weather-sara (`*`use your name!`*`)`

3. <u>Run the app locally</u>
   - ❏   `npm start (opens the app on` http://localhost:3000/ `)`

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4. <u>OPTIONAL: Turn that react app into a heroku project</u>
   - ❏   `git init`
   - ❏   `heroku create it-tallaght-test --buildpack`

      `https://github.com/mars/create-react-app-buildpack.git`

5. <u>OPTIONAL: Send the heroku project to heroku's servers and view it online</u>
   - ❏   `git add .`
   - ❏   `git commit -m "created a react app"`
   - ❏   `git push heroku master`
   - ❏   `heroku open`

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After this, your browser should open your React application looking like this:

If you visit https://dashboard.heroku.com/apps, you should see your application listed here: