

INSTRUCTIONS:

Welcome to Scope! We're excited to see you this Thursday for our first curriculum day, but before then we have some basic software and tools that we'd like you to install before the meeting. If you have any questions or run into any problems don't hesitate to Slack Julia or Ryan directly, or wait till Thursday where we'll have some time to troubleshoot before beginning the lesson.

1. Make sure you have a good text editor! Some of our favorites are below. (You only need one!)
 - a. [VS Code](#)
 - i. If you're using VS Code, you can install the React Native Tools and Prettier extensions from Code->Tools->Extensions in the menu bar.
 - ii. If your Mac says it cannot open VS Code, right click (control+click) and select open, and then click open again in the resulting alert window.
 - b. [Sublime Text](#)
 - c. [Atom](#)
 - i. If your Mac says it cannot open Atom, right click (control+click) and select open, and then click open again in the resulting alert window.
 - d. [Xcode](#)
2. Install one of the following mobile development IDEs, or alternatively use your own phone:
 - a. [Xcode](#) and iOS Simulator for iOS development on macOS
 - b. [Android Studio](#) and Android Emulator for Android
 - c. Expo Go in the [App Store](#) or [Play Store](#) for testing Expo-built apps directly on a phone
3. Install [Node.js](#):
 - a. You can install from the link above, or using Homebrew in your Terminal on macOS: `brew install node`
 - b. Your computer needs to have Node.js 12.10 or newer. Only follow the below steps (i,ii,iii) if you have a really old version of Node! (It's kinda complicated to upgrade so if you don't have to, don't)
 - i. You can check which version you have installed by running `node -v` in terminal or a command prompt.
 - ii. To update Node to a newer version, try using nvm (Node Version Manager)
 1. For Mac: <https://github.com/nvm-sh/nvm>
 2. For Windows: <https://github.com/coreybutler/nvm-windows>

- iii. Install NVM and run `nvm install;nvm use 15.8.0`; and then
`npm install -g npm`
- 4. Install Expo CLI and React Native CLIs:
 - a. Run these commands in a terminal or a command prompt once you've installed Node: *(you might need to use sudo to run the command as root)*
 - i. `npm install -g expo-cli`
 - ii. `npm install -g react-native`
 - iii. Restart your terminal (or open a new window)
 - iv. Don't be afraid if you run into some yellow warnings here! They're okay for now. If you get any errors, try running the commands as root by prefixing them with 'sudo'.
- 5. Make a Scope folder on your computer to store this semester's curriculum.
 - a. Inside this folder in a terminal or command prompt, run:
 - i. `expo init AwesomeProject`
 - ii. Select "blank"
 - iii. `cd AwesomeProject`
 - iv. `npm start`
 - b. After a web browser opens, click on "Run in web browser"
 - c. If you see a page saying "Open up App.js to start working on your app!" you're done!

We're really excited to see you Thursday! We know that installing some of this software is not super easy, so if you have any questions or run into any problems we're always here to help. We'll have some time for troubleshooting before the lesson starts on Thursday, or feel free to reach out to Julia or Ryan on Slack.