

# LAB 1: ENVIRONMENT SETUP – GETTING STARTED

In this exercise, you will:

- Install Git
- Install Node.js
- Install Google Chrome
- Install Code Editor Visual Studio Code(open source)/WebStorm(paid)
- Install Electron

---

Note: These instructions will get your system up and running for Electron development.

---

## Install Git

1. Visit <https://git-scm.com/downloads>
2. Download and run the installer for your OS.
3. Confirm that Git is installed properly by listing the version number.

```
| git --version
```

## Install Node.js

### For Mac

4. Run the Homebrew installer in a terminal window:

```
| /usr/bin/ruby -e "$(curl -fsSL  
| https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

---

Note: This will install Node.js as part of the install.

---

5. Confirm your Node.js version number:

```
| node -v
```

### For Windows:

6. Visit <http://nodejs.org>
7. Download the latest LTS version for Windows.
8. Install the .msi package
9. Confirm your Node.js version number:

| node -v

## Install Google Chrome

10. Visit the <http://google.ca/> in your browser and download Chrome.

## Install Visual Studio Code

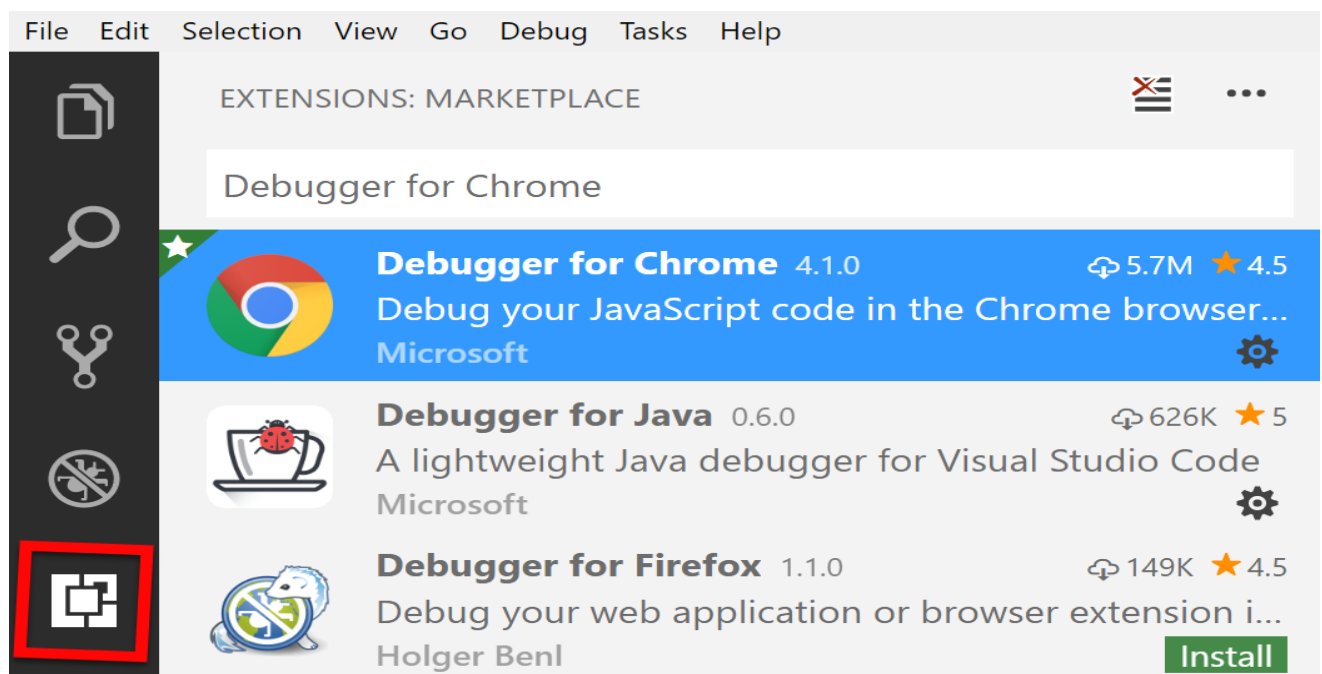
11. Visit <https://code.visualstudio.com/docs/setup/setup-overview> and go to Downloads section and download.

---

Note: This step will help you set up Visual Studio Code for your system based on OS you are currently using.

---

12. Start Visual Studio Code and open the Extensions viewlet (Ctrl + Shift + X).
13. Search for and install the *Debugger for Chrome* extension.



---

Note: After the extension is finished installing, you will be prompted to restart the program.

---

## Install Electron

14. Open up a new terminal and type below command.

```
| npm install -g electron
```

## Install the sample app – Electron Bootcamp

15. In your command line, navigate to the root of your *<course-files>* folder.
16. Use the following git commands to clone the sample app.

```
| git clone https://github.com/DEV6hub/Electron-Bootcamp  
| cd Electron-Bootcamp  
| git status
```

---

Note: You should see that your branch is up to date with origin master.

---

17. Install the dependencies that are defined in the project's *package.json* file.

```
| npm install
```

18. Start the json-server for serving rest api's from within your project. Open a new terminal window and navigate to JSON Server folder and run below command.

```
| json-server --watch signup.json
```

---

Note: This command will spin up a restful server on default port 3000. You can also verify it by visiting URL <http://localhost:3000/userInfo> in your browser.

---

19. Similarly, navigate to your project and then JSON Server. Open up new terminal window for each of the below commands. It will spin rest of the api's up and running.

```
| json-server --watch tshirts.json --port 4000  
| json-server --watch contactUs.json --port 5000
```

---

Note: Verify these URL's in your browser <http://localhost:4000/tshirts> and <http://localhost:5000/contactUs>.

---

20. Start the app.

```
| npm run start
```



---

Note: Familiarize with Shirtastic App. Play around, click side navigation links and verify all the links are working fine for you.

---