# Exercise 1 – Scaffolding an Angular Project With CLI

1. Make sure Node.js is installed correctly. At a command prompt window, enter:

node –version

1. See if Angular CLI is already installed

ng --version

1. To install the latest version of Angular with the CLI:

npm install -g @angular/cli

1. Create a project. Note that it will ask you if you want to set up routing, and what type of CSS you want to use. Your answers do not matter at this point.

ng new myangularproject

1. Look at the package.json file and the angular.json file. What is each for? What are some dependencies installed by default?
2. Find the index.html page. How is the code ultimately being displayed? Can you use other selectors?
3. Find the app.module.ts file.
4. Run the project in the server with the following command below.

ng serve

1. Open in the browser. You will notice a lot of code already there. How do you get it to open the browser automatically?
2. Without changing anything, go back to the root directory of the project and run the built-in unit tests:

ng test

1. Find where the components are.
   1. Change the title attribute in the .ts file to your name.
   2. Save and the application should live reload.
   3. Run the unit test again. You will have to open a new command prompt or stop and start yours.