First Need to start backend and database so Node.Js server and Mongo Db those have been setup and are on Port 3000.

1. Start Mongo DB

//Must do this first in order to start the backend server

//actually to start mongo db this is the correct directory and command

C:\Users\mecostantino\MongoDB\bin>mongod

1. Start Backend

//this command starts the app on the back end.....

Go to the following directory and then use nodemon to start backend.

C:\Users\mecostantino\angular>cd nodejs-express-mongodb

Then

:\Users\mecostantino\angular\nodejs-express-mongodb>nodemon start

C:\Users\mecostantino\angular\nodejs-express-mongodb>nodemon index.js

1. Starts Angular Front End

//this starts the angular front-end part of the App in the following directory.

C:\Users\mecostantino\angular\AngularApp>ng serve

//Or different App

C:\Users\mecostantino\angular\angular-tour-of-heroes-backend>ng serve

//use this to start mongo DB the file directory may be different it may not be in Program Files, however //navigate to directory and use exe command to start mongo.db

cd C:\Program Files\MongoDB\Server\3.6\bin

//then run in directory to execute

Mongod.exe --dbpath C:Users\mecostantino\mongo-data

**Switching Ports and Host**

This is so can connect to webpage with mobile and cell phone.

So Super complicated if you want this to be able to be accessed by the Wi-Fi. Then you have to change the ports and the hosting on everything. This process is very long and convoluted I could not get the authenticate to work when I started moving everything open. Everything else seemed to work. You have to run your application and start the servers on 192.168.0.21:4200 then you have to go into the backend and modify all the routes and ports accordingly at 192.168.0.21:3000. Very long and Tedious.

<https://jun711.github.io/web/how-to-access-an-angular-app-running-on-localhost-from-mobile-devices/>

<https://www.cluemediator.com/how-to-enable-cors-for-multiple-domains-in-node-js>

<https://newbedev.com/connect-to-localhost-3000-from-another-computer-expressjs-nodejs>

<https://stackoverflow.com/questions/17116718/how-to-access-my-127-0-0-18000-from-android-tablet>