Drone Project – Running a demo

* All of the important files for the software are located in the Dropbox folder, in the folder named “Test”.
* There are **two** important components to be set up.
* The first is MATLAB:
  + Running MATLAB simulates the computational server
  + To run the code, open up MATLAB and open up the subfolder within Test called “Matlab code to calculate DropPoints”.
  + Ensure all the paths are added (not greyed out at the side)
  + All you need to do is type “tcpipServerScript” in the prompt to run the server.
* The second is the NODE server:
  + With NodeJs installed on the machine, simply type “node nodeServer.js” in the terminal when in the Test directory.
* One last change has to be made. You need to know your machine’s IP Address and then add that to the top of the “mapjs.js” filed.
* Simply open up a web browser and google “what is my IP address”
* Copy the number displayed.
* Open up “mapjs.js” and paste in the number you got into the variable “host”. The top line of the file should now look like”:

var host = “xxx.xx.xxx.xx”;

With the “x”s replaced by the correct numbers for your IP address.

* Now just open up a web browser on the tablet and type in the value of the IP address followed by a colon and then “3000”, so it would look like “xxx.xx.xxx.xx:3000”, again with the “x”s replaced with the correct numbers for your IP address.