EMBEDDED SYSTEMS

Assignment 6

- Write client / server application to control your radar station.
  - You should be able to type a command on your laptop or host system that the BBB receives via WIFI. The BBB then performs the command in collaboration with your MBED radar station.
  - Use sockets for your network communication.
  - The client should accept the following commands:
    - Start scanning – Start (continue) scanning from it's current location (180° sweep).
    - Stop scanning – Stop (pause) scanning.
    - Scan at heading– Move to a specified heading and scan in a smaller (15°) range only.
    - Display data – Display x,y position of all located objects on the command line of the host system (laptop).
  - Commit the program to your team repository under the branch assignment6-client-server.
  - Demonstrate with a short video.