**How to start the tasks:**

1. **Start the server**
   1. ssh –X server@130.160.47.198
   2. cd Desktop/matlabEngServerUpdate/
   3. ./uavserver4cm | tee [code]\_[A1][A2].txt
      1. Use A1 for the first approach and A2 for the second approach
   4. After you start Webots, if a port cannot bind:
      1. sudo lsof –Pnl +M –i4
      2. find pid for that port
      3. sudo kill -9 <pid>
      4. restart server and Webots
   5. You should get four “Waypoint Ready?” messages
      1. If not, restart server and Webots
   6. When the user ends the surveillance task, stop the server and Webots (ctrl-C)
2. **Start Webots** 
   1. ssh –X [juney@130.160](mailto:juney@130.160).47.134
   2. ./run\_training for the training task
   3. ./run\_webots4 for the surveillance task
3. **Start the interface** 
   1. Go to the “UAVInterface 4 w control mechanism” or “UAVInterface 4”folder on the Desktop
   2. Select the UAVInterface xCode project
   3. Open Console (Run->Console)
   4. Connect iPad to the mac
   5. Select ‘Device’ from the Overview menu item
   6. Build and run\*
   7. After both approaches are complete, save log from the console window as [code].txt in logs folder on Desktop

\* If the project won’t build on the iPad, save any logs from the console and restart the mac

If the iPad still won’t work, use the simulator

Select ‘Simulator’ from the Overview menu item

Maximize the interface to 100% (Window->Scale->100%)

Adjust the window so the entire interface is in view