**NOTES FOR PHYSICAL ENVIRONMENT**

4/5/19

* Programs are located in the ‘Physical Environment’ folder on the desktop

**Target Program**

* ‘PE\_Arduino\_Controller’
* When uploading to the target arduinos, make sure to change the ‘char target\_num’ value to the corresponding target number so that the Arduino can be communicated with

**MATLAB Program**

* ‘Physical\_Environment’
* Make sure the current folder is Physical Environment on the Desktop

**Data**

* Data and scores are sent to a text file with the name of the user, ‘VRData’, and the date
* COP data is sent to a text file with the name of the user, ‘CoPData’, and the date

**Arduino Screens**

* Pin config: VCC 5V, DATA TX1, CLK RX1, GND GND,

PENIRQ Digital 2

**XBEES**

* The master xbee should be plugged in to the blue xbee adapter that is also used for accessing the xbees in XCTU
* Use XCTU to change settings
* Baud rate: 9600