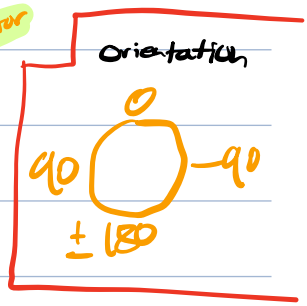
Calibration:

Use control script “motorCalibrationTest.py” in motor control file stuff folder to get the calibration numbers. For example:

- To go 20 ft:
  (40, 39) for 8 sec and (41, 39) for 19.9
  command 0 → right motor
  command 4



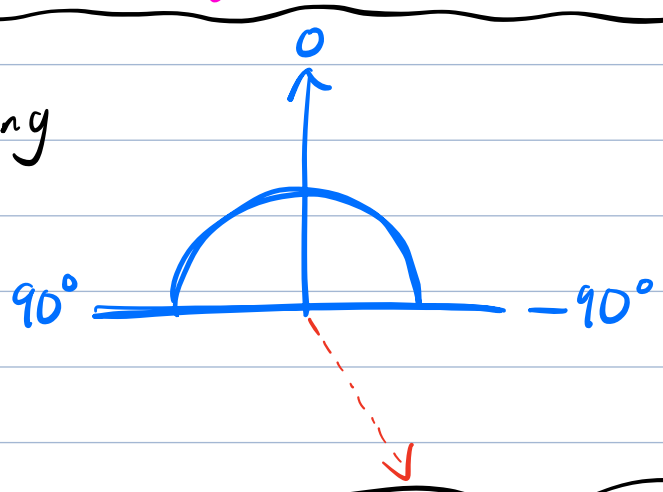
- To turn right 90° 31, 26 for 4 sec
  comm1 comm4
- To turn left 90° 27, 31 for 4 sec
  comm0 comm5
- To turn 180° 29, 29 for 8 sec
  comm1 comm4

- Input to first part of script [comX, comX [#s] time]
  comm
  motor control #'s

- readInMove(csvPath) → pass in path of csv
  → output list of instructions.
  (make sure full path is set to data)

* Ignore first cell in data

- Turning



* only can turn -90 to 90 on diagram

* if need to turn more, example red line. turn 180 first

MotorControl.py allows you to see the output being printed for debugging

motorControlWithSerial.py has the motorControl.py plus the serial code that can actually send data