A black rectangular object with a white line

Description automatically generated

1. Ensure connections for loadcell are secure
2. Select the board (DOIT ESPduino32) and port that it is connected to
3. Upload this code (arrow icon in top left beside checkmark)
4. Open serial monitor (tools -> Serial Monitor, or Ctrl+Shift+M)
5. In the typeable textbox, type “r” and press enter (this will start calibration)
6. Remove any weights from the prop shaft
7. In the typeable textbox, type “t” and press enter (this will tare the loadcell)
8. Place a known weight on the prop shaft and enter its weight into the serial monitor
9. Note the Calibration Value, and close the Arduino IDE
10. Now open “BoatDash.ino”
11. Go to line 24 ( double loadCalibration = 116013.70; ) and change this number (116013.70) to the noted Calibration Value you got earlier
12. Upload this code (arrow icon in top left beside checkmark), and test by placing a known weight back on prop shaft
13. The output should be close to the known weight, this could be due to the initial placement of the weight when calibrating

<https://drive.google.com/drive/u/0/folders/1XOVs02DelocEeeZkaE8um1DMpgd4ofZR>