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# Week 4 Progress Report

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ENE221-0109/2017

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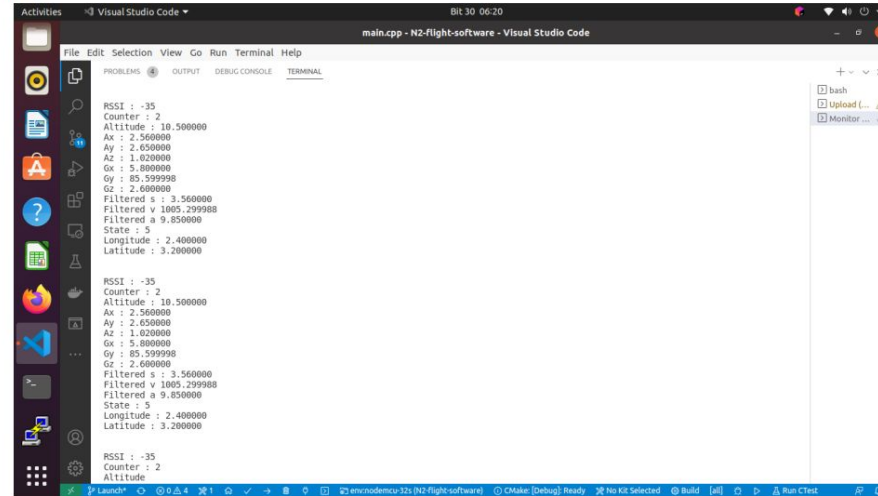
# Tasks

- Testing LoRa Receiver
  - Testing ESP 32 WiFi
-

# LoRa receiver

For the test flight we will use LoRa. Moved from plain-text to json

Rx



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays flight data output from a program named 'main.cpp - N2-flight-software'. The output is repeated three times, showing various sensor readings and state information.

```
main.cpp - N2-flight-software - Visual Studio Code

RSSI : -35
Counter : 2
Altitude : 10.500000
Ax : 2.560000
Ay : 2.650000
Az : 1.020000
Gx : 5.800000
Gy : 85.599998
Gz : 2.600000
Filtered s : 3.560000
Filtered v 1005.299988
Filtered a 9.850000
State : 5
Longitude : 2.400000
Latitude : 3.200000

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