Group Name: Group 7

Agenda
1. Review the current state of the project
2. Re-assign projects to members as necessary
3. Focus on Exercise 3 and the accelerometer
4. Focus on debugging Exercise 1 and the ascii table formatting

Meeting on 26/4/2021, 13:00
Location: Discord
Duration: 2 hours
Attendees:

Henry Kim	Rishabh Leelchand	Wei Ming	William McBean
470008942	490296808	470351332	490404595

Apologies:

Minutes
1. Henry fixed the issues surrounding exercise 1
    a. The timers seem to be working for 64 bit floats and 32 bit floats
2. William had started working on Exercise 3, as there were a few issues with Wei's implementation, and William had finished Exercise 2, so he directed his focus
    a. The detection of which way is down had been implemented
    b. It mainly focused on detecting whichever axis is currently experiencing gravitational acceleration
    c. Now just the formatting of the data being output to Putty remains
    d. This has to be done as a live feed
3. Rishabh completed the ascii table formatting for exercise 1, however some issues remain with the float values and sending the values to the serial port
    a. The function was accepting the wrong array format
    b. Fixed by changing the time array
    c. The float to string function was printing the strings backwards so that had to be accommodated for
    d. Also the conversion was messing up with 32 bit and 64 bit floats
    e. The serial port is also not accepting the string
    f. Rishabh fixed the serial port by changing the function to wait for TDRE and SCR1 registers to be clear
    g. Also labels for the data and addition of newline characters have to be implemented for putty to operate

Action Items

Action	Person to do	Deadline
Fix exercise 1 ascii table formatting for serial port	Henry and Rishabh	By the end of the day

Finish the live feed output to putty for exercise 3	William	By the end of the day