Group Name:

Agenda
1. Test code for exercise 3 using the dragon board
2. Planning code for integration task
3. Implement code for integration task (part 1 to part 3)
4. Ask requirement for design plan
5. Allocate work for everyone for the rest of days before demonstration
6. Arrange online meeting date

Meeting on 23/03/2021, 14:00
Location: Mechatronics Lab
Duration: 3 hours lab + post lab discussion
Attendees:

Jay	Marco	Ethan	

Apologies: No. Everyone showed up.

Minutes
1. Additional things that happened this week:
   a. Tutor Daniel told us we need to make more commits before we push our changes
   b. Commits should describe the states of the current version, e.g. what works what not, and the name should be more meaningful
   c. Marco and Jay fixed bug in the integration task code right after this meeting
2. Test the serial i/o code on the dragon board
   a. We first tested it using simulation, it worked fine
   b. Then we tested it on the board using terminal from codewarrior, it did have expected outcome
   c. We asked Steward and realised we have to use PuTTY
   d. We learned to set serial settings in PuTTY and tested again but PuTTY can only print on the same line and cannot erase the previous outcome.
   e. Steward told us this is due to the different default new line character in windows, and how to fix this setting.
   f. We tested again and finally it worked
3. Discuss plan for integration task
   a. We first drawed a flow chart of the process of the code
   b. Then we write the pseudocode
   c. We then found the functions we need for this task from previous exercises
   d. This discussion went very well
4. Implement the code for integration task

a. During implementing we first found and fixed a few bugs, which have been mentioned in commits
b. During implementation, we found that we need to set press button as a trigger of interrupt to select between modes
c. In the end, the code would still run out of memory, but we know this was due to incorrect use of 'jsr/bsr' and 'rts', we need to check the values stored in the stack.

5. Ask about requirement of design plan
    a. Tutor Daniel told us we need flow chart, pseudocode for design plan
6. We arranged online meetings on 24/03 and 28/03
    a. Meeting on 24/03 is to complete design plan
    b. Meeting on 28/03 is to check if we have missed anything before demonstration

Action Items

Action	Person to do	Deadline
Fixed the bug of integration task mentioned in minutes	Everyone	26/03
Arrange an online meeting to complete design plan	Everyone	24/03
Write minute for week4 lab	Jay	24/03
Check codes (modular design, commenting etc)	Everyone	28/03
Check documenting (Work has been allocated on messager)	Everyone	28/03