

## Group Name: Group 7

### Agenda

1. Get github and everything set up
2. Look at document specifications
3. Understand the coding environment

### Meeting on 13/4/2021, 14:00

Location: Lab/Discord

Duration: 3 hours

### Attendees:

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

### Apologies:

### Minutes

1. Look at documents
  - a. Read through setup and lab sheet
  - b.
2. Setup Code Warrior environment
3. Setup group github
  - a. Assign team member to be organiser of github
4. Figure out how to access the time information
  - a. Turns out it is related to the clock cycle of the board/simulation
  - b. Using the register TSCR1 we are able to access a counter for the system clock
  - c. Once activated, the register TSCR2 can be used to set the prescaler
  - d. Finally, the register TCNT is used to get the actual clock cycle count
5. The TCNT register however, uses a struct definition which could make things difficult to interpret
6. Furthermore, the interrupt aspect of the TCNT register needs configuring
  - a. Precisely the use of a count to keep track of the number of times the TCNT register overflows
7. In addition to this, the various functions and how they interact in C is rather different, and may require getting used to.

### Action Items

Action	Person to do	Deadline
Develop the core functionality of Exercise 1	Henry	By the end of the week

Get started on Exercise 2	William	By next week meeting
Work on the serial output module	Wei	By next week
Implement the ascii table output of the serial output	Rishabh	By next week meeting