

MTRX2700 Lab 2 Meeting Minutes

Date: Wednesday 28 April 2021

Procedural note: At the end of each meeting, a separate PDF version of the meeting notes will be created and uploaded to the repository.

Present: Jack, Reihanna, Vincent

Apologies: None

Welcome:

Meeting Purpose:

- Finalise and test the code, ensuring that all code is commented thoroughly.
- Finalise on a presentation plan.
 - We need to be able to demonstrate each component in a single file.
 - We will need to sort this out somehow.
- Ensure that the code is all good for the demonstration tomorrow and release a tag for assessment.
 - Modularity of the code
- Prepare for the discussion questions. Discuss as a group and make sure everyone is onboard.
- In the README, ensure that we have:
 - A plan for testing

Previous Actions: None

Regular Items

- **Checking of code**
 - Modularity
 - Tidiness
 - Documentation: individual line commenting as well as module/function commenting
- **Bringing all of the code together**
 - Have distinct sections of the program that show where the questions are.
 - Documentation should include not only what lines of the code are doing but also what specific functions and modules are designed to do.
 - Have one main function that calls separate subfunctions. We need to pass parameters into these modules.
 - **Demonstration order: Q1, Q3, Q2**
 - Chosen because Q1 only needs to print out the table of time values to serial. Once the time values have been printed out, then we can return from the function.

- Likewise, Q3 can go after Q1 since the main function for Q3 should finish once the song has finished playing (in which case the 'finish flag' would trigger and the program would end).
- Since the serial communication doesn't have a defined ending as mentioned in the specifications, we demonstrate it last.

- **Testing**

- Identifying ways for testing
- Identifying corner cases
- Identifying situations that would break our code

- **README**

- Should include a general description of the repository that describes where everything is located. This should be easy since all of the questions are contained within a single program.
- It would also be worth to mention the header file which contains important definitions to our structs for Q2.