

# CS6502: Week 6 Lab Exercises

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March 1, 2021

## Exercise 1

The lab in this week is **supervised**. The lecturer/lab assistant will be available between 14:30 – 16:30 for any questions you may have.

The main task for today's lab is to get familiar with BigQuery.

In Sulis class page, there is a forum “Labs (week 6)” created. In the forum, there are two topics:

- *Discussion*, use this topic to post your questions and discuss with your fellow classmates.
- **Submission**, use this topic to submit your lab exercise.

The deadline for submission is 12am (noon) Sunday of 7th March.

Please refer to [Lab 6 sheet](#) for the Big Query exercises.

Submission requirement:

- Business students: at the end of the Big Query exercises, there are three exercises, please submit the three queries for each exercise (screenshot of each query, and the result)
- SE students: based on this morning's lecture, write your own MapReduce program based on the micro-framework to compute the average arrival delay for December 2020, test locally and then submit to Hadoop using Streaming. (make a video recording, and submit the recording, please also include the source code in the attachment)

Note that in the submission title, please indicate your major in addition to the student Id (e.g., 09003523/**Business Analysis**).