

## Lab Sheet 7, Week 8, Semester 2

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### Getting started with Assignment 4

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For the fourth assignment you will be working in groups of four. To help you organise your group you must complete the following steps before starting Assignment 4. The aim is to get groups set up on KCL's *GitHub Enterprise* system. It is essential that all students register and sign-in to their account on this system before **Sunday 10th March, 23:55**.

It is your responsibility to complete the steps specified on the following page, as well as to ensure all your group members have completed the steps. Failure to do so by the the deadline will affect your mark.

We will use the Git logs to monitor the contribution of all students in a group. If we find students who have not made a significant and fair contribution to the submission the student will be heavily penalised in their marks for their assignment: the exact nature of the penalty will be decided on a case-by-case basis.

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## Tasks

### Form into groups of four.

- Unlike the pair programming assignment, you are welcome to form groups with students in different timetabled lab sessions. However, keep in mind that it may help you to organise your group if you are all in the same lab session. There is an expectation to work on the assignment outside of your timetabled lab sessions.
- Feel free to use the KEATS forum to help find groups and group members.
- Your lab TAs can also help to find you a group within the timetabled lab session.

## Register your group.

**One member** of each group is responsible for the following.

- Selecting a group name (humorous names are welcome, but groups with rude names will be penalised!).
- Creating a central repository to be shared by the group on the KCL GitHub Enterprise system here: <https://github.kcl.ac.uk/>.
- Creating a text file in the repository with the group name as the title, and the group name as the first line of the file.

## Initialising the Git repository.

**Each group member** must then do the following.

- Create a development branch on the repository.
- Edit the branch by appending their name to the text file.
- Merge the branch with the master branch.

## Starting assignment 4

Once you have completed the above steps, you are able to make a start with the assignment 4 task sheet. This is a large project, so it is recommended that you spend a significant amount of time just reading the task sheet and thinking about how you might tackle the problems. Don't rush into implementing straight away!

Make a plan of how you will work. How often will your group meet to discuss the project? How will you communicate outside of meetings? Will you work together on the implementation, or will you work separately? Do you want to set internal deadlines to make sure you make good progress?

Sometimes with group projects there are circumstances outside of your control that negatively impact on your final submissions, for example, maybe a group member is ill, or perhaps a group member refuses to do any work. We will take these circumstances into account when grading your work, but it is important that you respond to these circumstances sensibly.