

## Assignment 2 Peer Review Phase

The hand-in deadline for this phase is 17:00 January 12, 2024.

In the review phase your group has three primary tasks:

- to learn about the requirements and principles of one other of the assignment 2a tasks
- to judge aspects of how well another group has solved and documented that task
- to teach another group the important principles and aspects of how your task should be solved and about your understanding and motives behind your own solution.

All of this is expected to take a total of 12 study hours for each group member. We suggest that you divide the effort and time for each of these tasks equally between group members. You have responsibility for making contact, meeting, and cooperating with both the group who's work you will be reviewing as well as the group that will be reviewing your work.

### Learn about the review task

You have been matched with a subject and a group to review. You will be assigned a specific group to review and given their contact details. Though we to some degree tried to match with the tasks that groups declared that they would prefer to review, this has not always been possible.

Begin studying the instructions for the task you are to review and whatever documentation you may need to understand the task as soon as possible.

Video recordings will be released to groups where further instructions will be given, including extra support for reviewing groups, including hints to suitable questions to pose of the reviewed group and things to look for in their work.

### Review the group's work

Make contact with the members of the group that you are reviewing and book in a suitable time for a first meeting to go through the reviewed groups work, and ask for a copy of the documentation that they handed in<sup>1</sup> Ensure that the meeting time gives you enough opportunity to beforehand properly prepare with your own studies into the task.

You may not make unreasonable demands on meeting times for your group meetings but be prepared to compromise so that all can finish this assignment as soon as possible. If any group find that they are having serious problems in contacting or meeting with either of the groups they are required to work with they are required to send an email to the course staff as soon as the difficulties become apparent. Include a summary of the attempts that have been made and the difficulties experienced. The staff will attempt to impartially resolve any problems so that all groups have a reasonable opportunity to plan their studies and meet the assignment requirements.

Groups are expected to meet in person so as to be able to properly demonstrate their solution and discuss. In some situations it may be warranted to arrange for online meetings instead if all involved

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<sup>1</sup> Groups who have completed the GPG task need not (or course) give a copy of the encrypted document given that only Alan should be able to decrypt that!

group members are in agreement. The staff see this as a less suitable option for this teaching and learning opportunity. The practical circumstances of how your meeting is conducted should be part of your review documentation.

Besides the factors that you are advised of in the instructional videos you are to document the following aspects of the reviewed group's solution, understanding and communication:

- Do you believe that the group members managed a solution that can be expected of them given their background understanding and the time available to them, with your motivation for this judgement. Does the group's hand-in include proper references for all stated facts? Document whatever strengths and weaknesses you perceive in their solution.
- Have both group members equally managed to explain to you the problems that are inherent in completing such a task and their understanding of how to best solve it, irrespective of your own level of background knowledge. If not, document what you think would be required to better assist you in understanding.
- Include relevant explanations of how the review progressed in terms of how well the group managed to teach you things, and how you managed to give the group new insights into their solution. In this section include your own thoughts on how well you would be able to complete the task you have reviewed with the knowledge you have gained. Would you do anything to improve on the method compared to the reviewed group's solution?

The examiners will themselves not forward your comments to the reviewed group.

Even if you feel that all went very well with your review and there was little to comment you must provide enough written feedback to be good evidence that you have properly used the time allotted for this part of the assignment.

## Teach the reviewers the task and its solution

Ensure that your reviewing group has access to a copy of the documentation as it was when you handed it in.

You are now experts on the task that you have completed, but the students in the reviewing group are not. A significant part of your role is therefore to as effectively as possible teach that group about the task. They should understand why the experiment is relevant, they should understand the difficulties inherent in performing such a task, and they should understand the reasoning that you have applied to the problem.

Different groups will have differing levels of knowledge prerequisites, and you must be prepared to adjust to what the group in question is able to comprehend. It might be a good idea to try to question the group before you come to a review session in order to gauge what things you will need to help them with.

You should document the following:

- Any difficulties you may have had in helping the reviewing group to understand your subject matter.

- Summarise any interesting misapprehensions that the group may have had.
- Any new insights on your own solution that you may have arrived at when being reviewed.

If during the review it comes to your attention that your original solution as handed in is lacking, you have the opportunity to address whatever shortcomings there were when you write your reflections document. Describe the changes you would have made given the opportunity as well as reflections on what that means in terms of the differences between your previous and your new understanding. Doing so may even allow examiners to give a pass for your original hand-in even if there were problems with it, thereby possibly avoiding extra complementary hand-ins.

Even if you feel that all went very well when being reviewed and there was little to comment you must provide enough written feedback to be good evidence that you have properly used the time allotted for this part of the assignment.

## Hand-in

Create two separate PDF documents with your notes:

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Group<your group number>ReviewOfGroup<reviewed group number>.pdf  
Group<your group number>ReflectionsAfterReviewBy<reviewing group number>.pdf
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The review document shall include sections:

- Reflections on our understanding of the reviewed task incl. the reviewed group's part in teaching us
- Constructive critique of the reviewed group's method and solution

and if relevant:

- Other reflections
- References

The reflections document shall include sections with headers:

- Pedagogical challenges in teaching our subject, including interesting misapprehensions
- New insights to our original solution

and if relevant:

- Other reflections
- References

For each of these files include a header page with your group number and both group member's names, as well as the group number for the group that you have reviewed (for the review document) or the group who has reviewed you (for the reflections document). If you were originally registered for the course before the Autumn term 2023 then make it clear on this header page which term you were originally registered.

Your reports must include proper academic referencing, meaning that statements and quotations not directly attributable to the authors themselves (or to comments and actions of the reviewed or reviewing group) must be supported by an indexed reference list that clearly shows the source. If there are any signs that the authors have included ideas, text or illustrations that are derived from other sources than themselves or reviewed and reviewing groups, their work will be subject to investigation according to the university disciplinary proceedings. To avoid any doubt in what such

referencing entails students are encouraged to review the Wikipedia page  
<https://en.wikipedia.org/wiki/Citation>.

Upload both these files to the “Assignment 2 Review Hand-in” activity in iLearn.

All group members must explicitly hit the iLearn submit button after one of the members has uploaded the relevant files. Only confirm using the submit button once you are sure that the uploaded files are those that the group agrees are a true representation of the group's work.