

Project assignment

In the project, you will work on a difficult problem, your project assignment. Since the problem is not easy to solve, you'll be working on the problem in a group with a few students. We will assign in Canvas to each group a problem. Important for the project assignment is how you tackle the problem; the final answer is less important. In particular, we will pay attention to the efficiency of the algorithm or solution strategy, and your creativity. This project also includes a presentation about your project and a short report (a Word document) that count towards your final grade. The requirements and the points for attention for reporting and presentation are below.

Good luck!

Requirements for reporting

Write a report in MS Word in which you pay attention to the following:

- State the names of the group members and the group number.
- What is the problem you are solving?
- How have you tackled the problem (which algorithms, solution strategies, tools, etc.)?
- Which problems have you encountered in solving the problem (your project assignment)?
- How have you solved those problems (which solution strategies/algorithms)?
- How did you split the tasks?
- Specify who did what.
- How much time have you spent on solving the problem (an estimation is sufficient)?

Presentation

Please note that the presentation meets the following:

- The presentation should not be longer than 10 min.
- Show which solution strategies or algorithms you have used.
- Discuss any problems that you have encountered in solving the problem (project assignment).
- Discuss any solution(s) of the problems you have encountered.
- Discuss how much time you spent on the project assignment.
- Specify what you think of the project assignment or what can be changed in the project assignment for the next time.

Tips en suggestions

- Use the algorithms and solution strategies that you have learned during the lectures.
- Consider also your own algorithms (i.e., create your own algorithm).
- Keep a log of who did what.
- Discuss regularly.

- Make agreements with each other (e.g., who will do what, what are the deadlines, how do you keep in touch with each other, etc.)
- Work with a schedule and deadlines.
- Check if there are a computer and a beamer in the room in which you are going to give the presentation.