

Assessment guidance for exercise 6

TDT4165

Fall 2018

Each of the 3 tasks count (approximately) 33% of the final grade. Each of these 33% is divided like this: correct implementation 25% and understanding 25% per group member (total 75%).

If any implementation fails, they should be given a chance to provide an alternative solution and/or explanation and gain points for understanding.

- One by one, ask them to go through each task and call each function implemented in their answer. They have to be able to know how to call the functions themselves and explain the output.
- Look for code that could have been done simpler and discuss this with the students. Good explanations and showing understanding should give them a chance to redeem points that would be subtracted in an online deliverance.
- Ask if they had any issues with any of the tasks. This is useful to be able to improve the exercises and give us pointers about what the groups struggle with.
- If they could not solve any of the tasks, show them the way. (show, but don't tell!)
- Ask how the collaboration is going.

1 Hello World

- It seems that many struggle to do task 1c (from Piazza). Ask if the group also struggled with this task and find out how they came to their solution.
- Explain the difference between 1d and 1e. Which of these is preferred in general do you think?
- What is the difference between BigInt and Int? What would happen if you implemented Fibonacci with Int? (Runs much slower, cannot handle fib(50) or higher)