Final Exam Information

Functional Programming (ITI0212)

The final exam for ITI0212 will take the form of a live-coding demonstration, as follows.

- Exams will take place between Monday, May 24 and Friday, June 4. Enrolled students should receive an email explaining how to schedule their exam by Thursday, May 20. If you don't receive such a message or have other scheduling difficulties, please contact one of the course instructors in a timely manner.
- Due to social distancing requirements, exams will be conducted remotely by *Zoom*, at the same URL as our regular lecture sessions.
- Each exam will last for approximately 45 minutes.
- The exam will be over the material covered in the course, as summarized in the *topic* list on the course web page.
- Each exam will consist of approximately four questions chosen by the course instructors.
- Each question will take the form of a verbal or written description of a function or a type definition for the student to write.
- Students must have a working installation of Idris (version 1 or 2) together with the standard libraries and editor integration on their computers.
- Students will need to screen-share the window containing their program editor, and to communicate with the instructors using camera and microphone during the exam.
- Of course, finding solutions to the exam problems is the desired goal, but we are also interested in hearing your thoughts as you work on the problems. If an approach that you try doesn't succeed, we want to know what you learn from it and how it informs your reasoning about what approach to try next. In short, explaining what you understand about a problem can only help you, whether or not you manage to solve it.
- At any time during the exam, students may ask questions to the instructors about the exam problems. If they feel stuck on a given problem they may request to move on to the next problem and return to current one again later, as time allows.
- Students may `import` or copy/paste definitions from any lecture script file, or from their own lab or homework solutions.
- Students may be asked to `import` or copy/paste specific definitions into their exam file in relation to a given problem. For example, an instructor may ask the student to use the definition of the type constructor `Tree` from the script file for lecture 6 in order to solve a question about binary trees.

We recognize that an exam is an inherently stressful situation. However, please bear in mind that our goal is not to stump you but rather to assess what you have managed to learn about the topic of typed functional programming throughout the course. As such, you can expect the problems that you encounter in the exam to be similar in nature to those that you have worked on in the lab and homework exercises.