Final Honour School of Computer Science
Final Honour School of Mathematics and Computer Science
Final Honour School of Computer Science and Philosophy

Parts A and B Examination 2023
Michaelmas Term 2022

Notice to Candidates from the Examiners in Computer Science:

Assessed practical assignment for Compilers

Full particulars of the examinations are given in the *Examination Regulations* 2022, and the Examination Conventions for 2023 can be found at http://www.cs.ox.ac.uk/teaching/examconventions.html

Compilers will be examined partly by an assessed practical assignment (35%) and partly by an examination paper (65%). The assignment, including instructions, will be made available on the Inspera site, from **12 noon on Friday of week 8 (2nd December, 2022).**

Submission of the assignment

The completed assignment is due by 12 noon on Friday week 2 of Hilary Term 2023 (27th January). You should submit your assignment online through Inspera. Please note that your candidate number should be the only means of identification of your work. Please ensure that you include your candidate number on the front page of the assignment you submit. **DO NOT include your name or Student Number**. You can obtain your candidate number through Student Self Service (for guidance on using the Student Self Service, please visit: http://www.ox.ac.uk/students/selfservice/). Should you encounter any problems doing this then please contact a member of the academic admin team.

You should submit the assignment if you are definitely intending to take Compilers as an exam. There will not be an option to withdraw from this exam once you have confirmed you are taking it.

Guidelines for submitted assignments:
Please refer to Appendix A.

You will not be able to resubmit your assignment once you have uploaded your file.

Further information about submitting online will be sent out in week 7.

Although the assignment may be carried out while you are resident in Oxford, it is possible to do some or all of the work while you are away from Oxford over the Vacation period. If you wish to complete the assignment away from Oxford, you should make sure that you have access to adequate computing facilities, including network access to the lab machines in Oxford.

You may not discuss the assignment with your tutor, fellow candidates, or anyone else. If you suspect there is an actual error or other problem in one of the questions, you should contact a member of the academic admin team (academic.administrator@cs.ox.ac.uk), who will consult the examiners on your behalf if necessary. Please note that any such queries must be made by **Monday 12th December, 2022**. Any queries received after this date will not be considered.

If any unforeseen circumstances had an impact on your performance in the examination, please submit a Mitigating Circumstances Notice to the examiners. You can find more guidance in the examination conventions and here:

https://www.ox.ac.uk/students/academic/exams/guidance?wssl=1

Late submission or failure to submit coursework

Under the provisions permitted by the regulations, late submission of this assignment where there are no extenuating circumstances may result in the following penalties:

Lateness Cumulative penalty	Cumulative penalty
After the deadline but submitted on the same day	10 marks
24 – 48 hours	20 marks
48 – 72 hours	30 marks
72 – 96 hours	40 marks
96 – 101 hours	50 marks
More than 14 calendar days after the notice of non-submission	Fail

All work that is submitted after the deadline without prior permission will incur an academic penalty. Where permission for late submission has been granted by the Proctors no penalty will be imposed.

Professor Mike Spivey

Chair of Examiners
Final Honour Schools of Computer Science Parts A and B
Mathematics & Computer Science Parts A and B
and Computer Science and Philosophy Parts A and B

Michaelmas Term 2022

Appendix A

To carry out the assignment, you will need access to a Unix environment containing version control tools, an OCaml compiler, software tools that enable cross-compiling for the ARM, an ARM emulator, and other support software. Hints and resources for setting up such an environment are provided on the course web page. Lab machines are available for remote access.

1. If you think you will have trouble with completing the assignment and want to drop the course (only if optional), please discuss with your college tutor as soon as possible. If you do decide to drop the course (only if optional), please make sure you advise Jo Ponting **before 28th November**.

2. When submitting your assignment you will have to complete a declaration form attesting that it is your own work, except where you have included explicitly acknowledged quotations from other texts. You need not make explicit acknowledgement of the help given by lab demonstrators during term. Failure to correctly acknowledge your sources is plagiarism, which is treated as a very serious disciplinary offence.

   Please consult the University web site regarding plagiarism (http://www.ox.ac.uk/students/academic/guidance/skills/plagiarism), and the detailed guidance on plagiarism in your student handbook. Please also see the examination conventions for poor academic practice. There is also an online course on WebLearn, which provides an overview of plagiarism and the issues surrounding it, and will be beneficial for you to take.

   YOU SHOULD NOT show your assignment to, or discuss it, with any other student.
   YOU SHOULD NOT ask or seek to look at anybody else's work.

   If you use material from any other source such as textbooks, lecture notes or the web, then you should reference it explicitly at the relevant point. Your college tutor can give you guidance on proper referencing; for more guidance see

   https://www.ox.ac.uk/students/academic/guidance/skills and
   http://www.cs.ox.ac.uk/files/3161/Referencing.pdf