

School of Computer Science – Module Assessment Sheet for 2021-2022

Module	Compilers / COMP3012 / Semester 1
Module Convenor(s)	Venanzio Capretta / Nicolai Kraus

Assessment Name	Coursework	Weight	40%
Description and Deliverable(s)	<p>This coursework asks students to write a compiler. The source language is MiniTriangle, specified via a BNF (grammar) on the Coursework sheet. The target language is TAM code, specified in previous exercises and in the lecture and documented on Moodle. The work has to be done in Haskell. Details are given on the coursework sheet.</p> <p>Students can build on the material developed in the lecture or previous lab sessions. In order to provide a complete example for how this can be done, a compiler for a small fragment of the MiniTriangle language is available on Moodle.</p> <p>Deliverables are the Haskell (.hs) files that implement the compiler. The submission is via Moodle, as specified on the coursework sheet.</p>		
Release Date	Wednesday 10 Nov 2021		
Submission Date	Wednesday 5 January 2022		
Late Policy (University of Nottingham default will apply, if blank)			
Feedback Mechanism and Date	Written individual feedback on Moodle by 19 January 2022.		
Assessment Criteria	Parsers, Code Generator, TAM execution, Code quality all count equally.		

Assessment Name	Examination	Weight	60%
Description	Online on Moodle		
Release Date	January 2022, exact date TBA.		
Submission Date	2 hours exam time		
Late Policy (University of Nottingham default will apply, if blank)			

Reassessment Method	Weight
Exam	100%

Hours Break-down for this Module

Activity	Per Week	Total Hours
Lecture – delivery of key material	2 × 10	20
Lab – work on exercises and coursework	2 × 10	20
Self-study – understand lecture material	2 × 10	20
Self-study - work on coursework outside of lab sessions		20

Exam including self-study for individual preparation		20
Total (10 credits)		100