

Coursework 5

This coursework is worth 12% and is due on 15 January at 18:00. You are asked to implement a compiler targetting the LLVM-IR. You can do the implementation in any programming language you like, but you need to submit the source code with which you answered the questions, otherwise a mark of 0% will be awarded. You should use the lexer from the previous coursework for the parser. Please package everything(!) in a zip-file that creates a directory with the name YournameYourFamilyname on my end.

Disclaimer

It should be understood that the work you submit represents your own effort. You have not copied from anyone else. An exception is the Scala code I showed during the lectures or uploaded to KEATS, which you can both use. You can also use your own code from the CW 1 – CW 4.

Question 1

Question 2

Question 3