Coursework 3

This coursework is worth 4% and is due on 13 December at 16:00. You are asked to implement a compiler for the WHILE language. You are supposed to target the assembler language provided by the Jasmin for running on the Java Virtual Machine.
You need to submit a document containing the answers for the questions below. 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. However, the coursework will *only* be judged according to the answers. You can submit your answers in a txt-file or as pdf.

Question 1 (marked with 1%)