Tutorial
AST Generation from ANTLR

Question 1.

Download the AST exercise 2 code, unzip it, and copy external/antlr-4.6-complete.jar from initial folder into folder external. Open src/main/mc/utils/AST.scala and src/test/scala/AstSuite.scala and fix the value of "expect" in all tests according to the corresponding "input".

Question 2.
Modify src/main/mc/astgen/AstGeneration.scala to make it generate the AST for the MC?

Question 3.
Change rule of manyindex as follows:

manyindex → oneindex+

Rewrite AstGeneration.scala to generate AST?

Question 4.

Change MC.g4 as follows:

arrayDecl	→	LP exp DOTDOT exp RP nextdecl
nextdecl	→	arrayDecl | elementtype
elementtype	→	INT | REAL
exp	→	INTLIT | SIGN INTLIT

Modify AstGeneration.scala to generate the corresponding AST?