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Lab 09

Dragon Book 4.5.3

a)   input cool S I   4.5.1

S → o S I | o1

so for shift shift shift shift.
reduce next. reduce again
then shift

erasure reduce
shift last
one

Reduce

b) aaa * a ++   45.2
   shift   reduce shift reduce, shift a, reduce,
   shift, reduc, shift, reduce, shift, reduce,
   shift, reduce
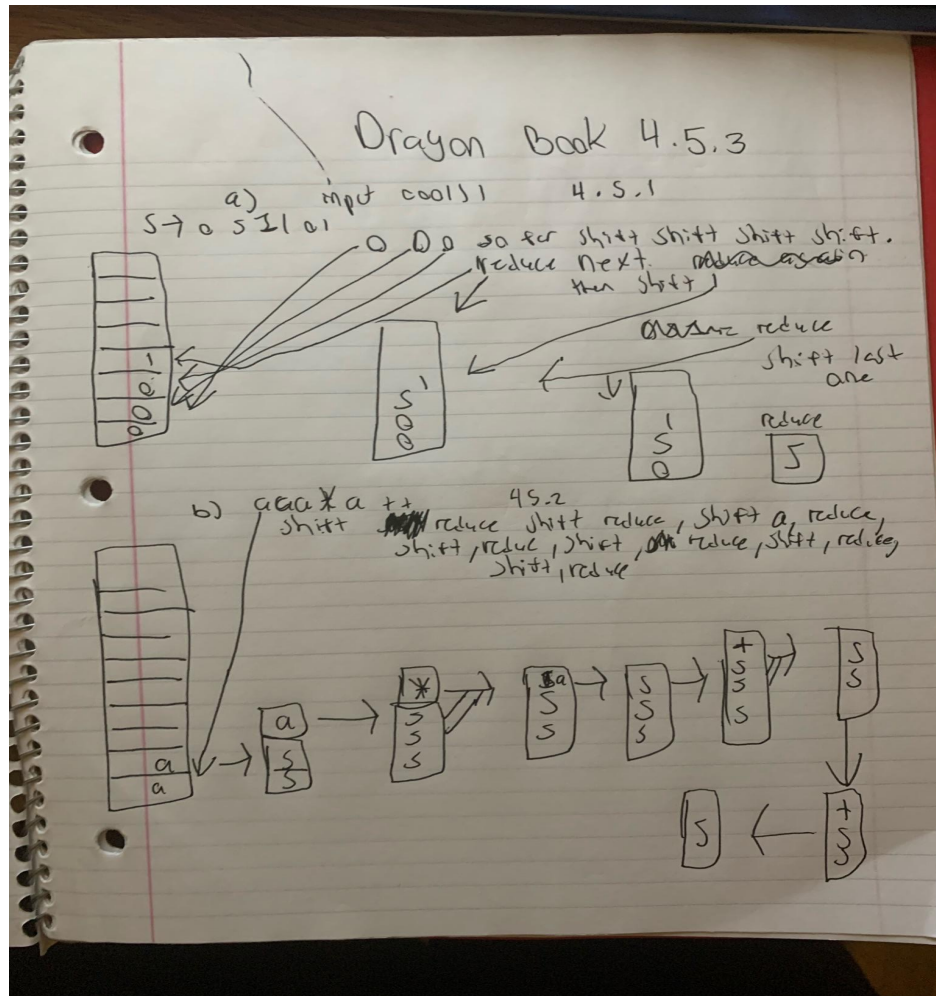
Crafting a compiler

Crafting a compiler 5.5

DeclList → Decl ; DeclList
         → Decl
Decl → idList : Type
idList → id , idList
       → id
Type → scalar Type
     → arr (scalar TypeList) of Type
ScalarType → id
           → Bound .. Bound
Bound → sign int Constant
      → id
sign + | - | ε

scalarTypeList → scalar Type , scalar TypeList
              → scalar Type