# Lab 9
## Compilers Spring 2022

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# 1. 5.5

```
1. declList -> decl ; declList
2.           | decl
3. decl      -> idList: type
4. idList    -> id, idList
5.           | id
6. type      -> scalarType
7.           | array (ScalarTypeList) of type
8. scalarType -> id
9.           | bound .. bound
10. bound    -> sign intconstant
11.          | id
12. sign     -> +
13.          | -
14. scalarTypeList -> scalarType, scalarTypeList
15.          | scalarType
```

# 2. 4.5.3

```
a.
000111
00S11
0S1
S


b.
aaa * a + +
aaS * a + +
aSS * a + +
aS a + +
aS S + +
aS+
SS+
S
```