Lab Four

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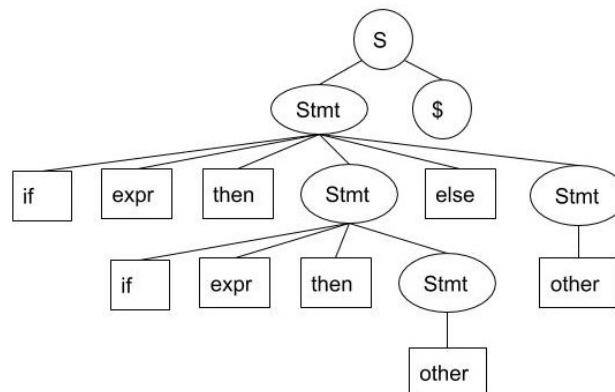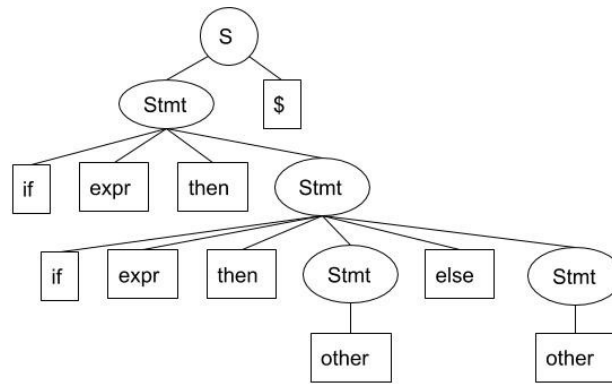## Crafting a Compiler

4.9

```
FIRST(C) = {c, d}
FIRST(B) = {b, c, d}
FIRST(S) = {a, b, c, d}

FOLLOW(C) = {c, d, e}
FOLLOW(B) = {b, c, d, e}
FOLLOW(S) = {a, b, c, d, e}
```

5.10

if expr then if expr then other else other

derivation.jpg

derivation.jpg

DRAGON

4.4.3

```
FIRST(S) = {a}
FOLLOW(S) = {a, +, *}
```