# Chapter 7: Finite Clauses

I. Notes:
1) Each Clause has one lexical verb (Finite or non-finite)
2) A Finite clause has a verb group which exhibits tense and subject verb agreement (has a subject)
3) A clause can exist within a clause (as a constituent of a bigger clause): Embedded
4) A clause can exist as a Sister to another clause in a sentence (both clauses are equal)

II. Function of Embedded Finite Clauses: cannot function as indirect objects, Object predicates, or as Prepositional objects:
1) Subject: That she left was good
2) Subject Predicate: The problem is that she reads junk
3) Object (Direct Object): I figured out that it worked
4) Adverbial: He reads books because it is required
5) Modifier (inside an NP or AdjP as a relative clause): Refer to Chapter 10

Examples:

Direct Object

Direct Object

(12)
```
                    S
          ┌─────────┴─────────┐
         NP                   VP
          I          ┌────────┴────────┐
                     V                 CP
                   asked      ┌─────────┴─────────┐
                              C                   S
                           whether      ┌─────────┴─────────┐
                                        NP                  VP
                                        he          ┌───────┴───────┐
                                                   VGP              NP
                                             ┌──────┴──────┐        her
                                            pf             V
                                            had           seen
```

Subject Predicate

(13)
```
                           S
                ┌──────────┴──────────┐
               CP                     VP
          ┌─────┴─────┐        ┌───────┴───────┐
          C           S        V              AdjP
        That    ┌─────┴─────┐  was             Adj
               NP          VP                  nice
               she          V
                           left
```
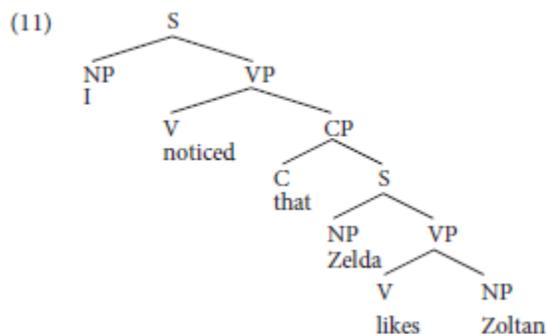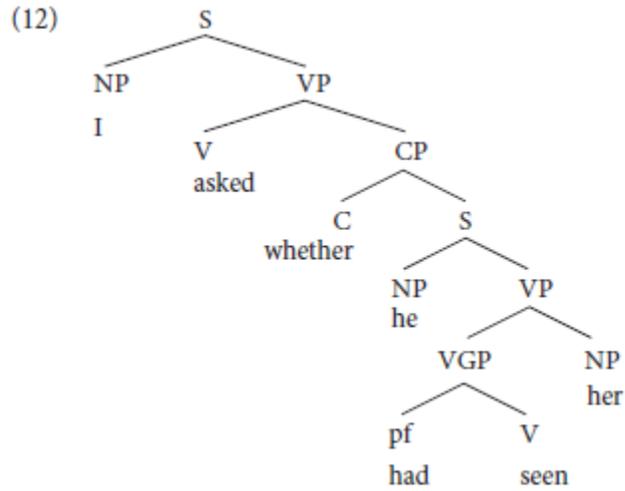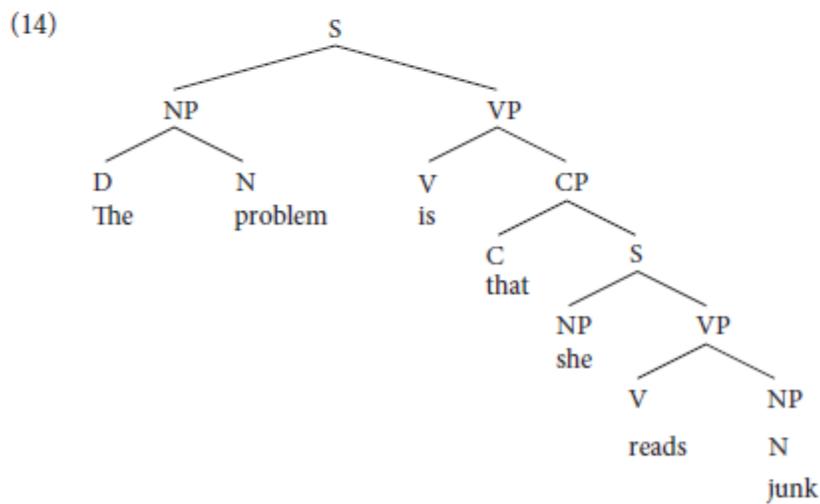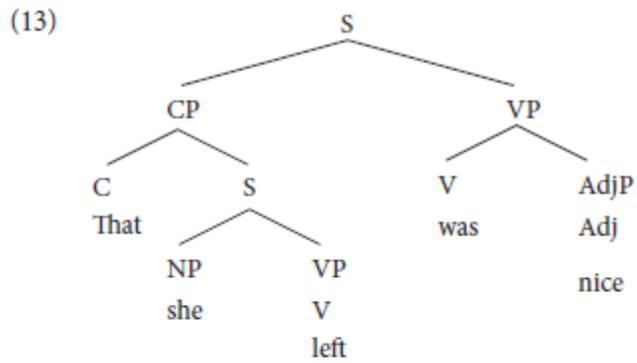
(14)
```
                     S
           ┌─────────┴─────────┐
          NP                   VP
      ┌────┴────┐       ┌───────┴───────┐
      D         N       V               CP
     The     problem    is      ┌────────┴────────┐
                                 C                 S
                               that       ┌────────┴────────┐
                                          NP               VP
                                          she       ┌───────┴───────┐
                                                     V              NP
                                                   reads            N
                                                                   junk
```
Subject Predicate

Adverbial

(15)
```
                    S
        ┌───────────┴───────────┐
        NP                      VP
        He          ┌───────────┴───────────┐
                    V'                       CP
              ┌─────┴─────┐          ┌───────┴───────┐
              V           NP         C               S
              read        N          because    ┌────┴────┐
                          books                 NP        VP
                          it                    it        VGP
                                                     ┌────┴────┐
                                                     pass      V
                                                     was   required
```
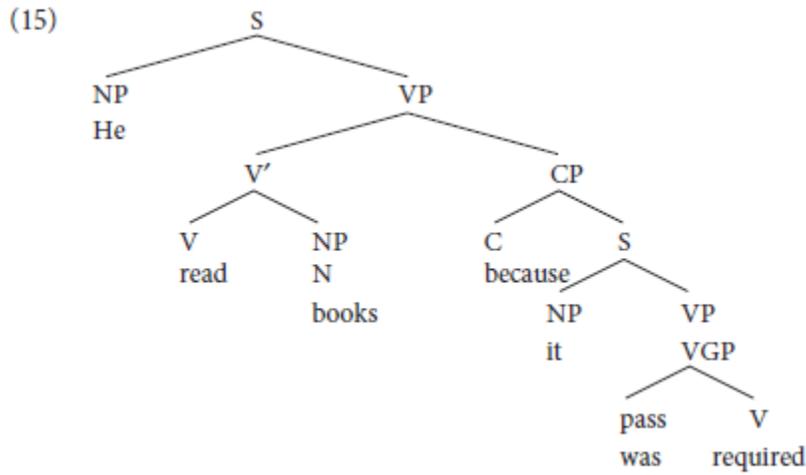
Adverbial (Can be extraposed/moved)

(17)
```
                        S
            ┌───────────┴───────────┐
            CP                       S
      ┌─────┴─────┐          ┌───────┴───────┐
      C           S          NP              VP
   Because   ┌────┴────┐     he        ┌─────┴─────┐
             NP        VP              V           NP
             it        VGP            read         N
                  ┌────┴────┐                      books
                  pass      V
                  was    required
```
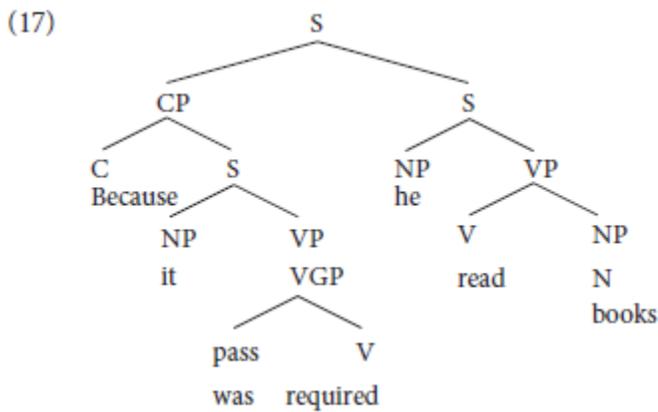
III.    Coordinators:

- Coordination or Embedding?
1) Causal Relationship (Behaves like CPs):

(21)
```
                S
        ┌───────┴───────┐
        NP              VP
        She     ┌───────┴───────┐
                V'              CP
                V         ┌──────┴──────┐
                arrived   C             S
                          and     ┌─────┴─────┐
                                  NP          VP
                                  he          V
                                              left
```
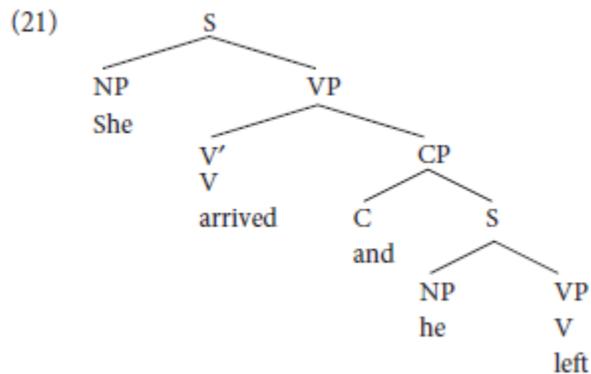
2) No Causal Relationship (Coordinator):

(22)

```
                              S
            ┌─────────────────┼─────────────────┐
            S                 C                 S
     ┌──────┴──────┐         and        ┌──────┴──────┐
    NP            VP                    NP            VP
  Phoenix    ┌────┴────┐          ┌─────┴─────┐  ┌────┴────┐
             V        NP          D           N  VGP      PP
             is   ┌───┴───┐      the        moon ┌──┴──┐ ┌─┴─┐
                  D      N'                      is  made P   NP
                  a   ┌──┴──┐                          of   N
                      N     PP                              cheese
                    city  ┌─┴─┐
                          P   NP
                          in  Arizona
```
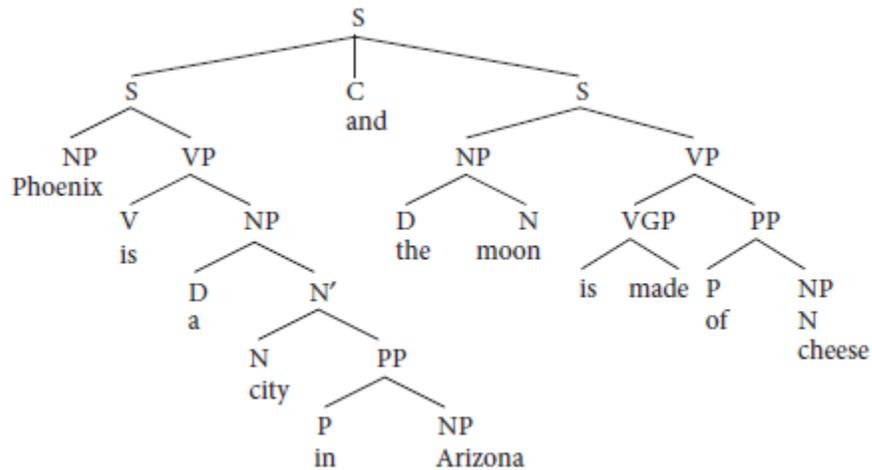
- NP can be left out in coordinated constituent:

(25)

```
                          S
            ┌─────────────┴─────────────┐
           NP                           VP
     ┌──────┴──────┐          ┌─────────┼─────────┐
     N            PP          VP        C         VP
  Streams     ┌───┴───┐    arrived     and    ┌───┴───┐
              P      NP                        V      NP
              of      N                        ate ┌──┴──┐
                   people                        AdjP    N
                                                 Adj  anchovies
                                                arctic
```
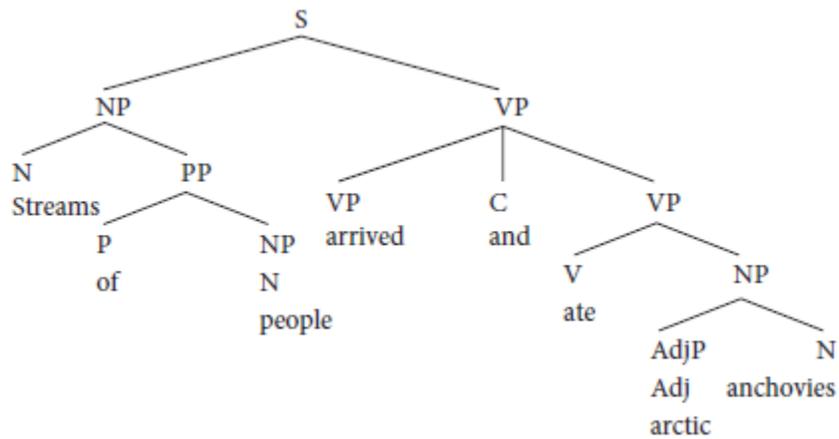
Notes:
- Main clauses are always finite
- Embedded clauses can be finite or non-finite