# Pset2

October 8, 2021 9:27 PM

pset2

## LINB06 PSet2

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Fall 2021, University of Toronto Scarborough

Name(s) + Number(s): _____

You may work in groups of two (self sign up on Quercus). Submit your answers as a PDF on Quercus. You're welcome to use this as a template and write in the empty, and it's also ok to type your answers in a new blank document. If you need a judgement about whether it's possible to say something in English or not, you're encouraged to message the professor to get his intuition.

### 1 Constituency (5 points)

Answer YES or NO based on whether the sequence of words is a constituent in the sentence found in example (1). You don't have to give evidence for your answer.

(1) Some guy always brings a jar of those homemade pickles.

1. always brings — YES NO
2. brings a jar of those homemade pickles — YES NO
3. Some guy — YES NO
4. a jar — YES NO
5. brings a jar — YES NO

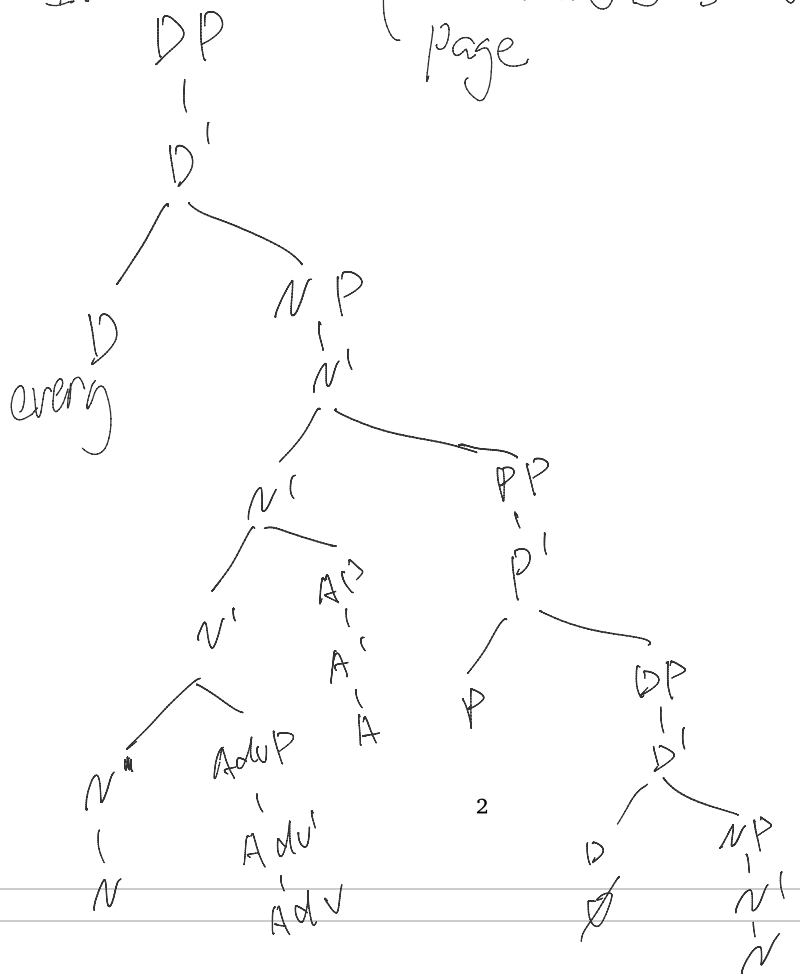
## 2 Tree structures (25 points)

Draw trees for the following phrases and sentences. You must use X-bar notation for your structures. Note that not all of these are full sentences; some are phrases of other types.

Adv AP

1. every box partially full of clothes
2. right off the rack
3. bought a bunch of bananas at the store
4. a very tall building
5. This strange place with the carnivorous trees will scare the explorers.

1. (question 2-5 on last page)






## 3 Complements and adjuncts (15 points)

Using tests from the book and lecture slides, determine whether the bracketed constituents in the following phrases are complements or adjuncts. Explain how you determined whether they are complement or adjunct by using at least two tests and saying how these tests show the phrase is a complement or adjunct.

(2) a bottle [of cough syrup]

Reordering: "of cough syrup a bottle" X

One-replacement: "one of cough syrup" X

Reordering: of cough syrup a bottle ✗

One-replacement: "one of cough syrup" ✗

It is complement

(3) swat the fly [with a newspaper]

One-replacement: "swat one with a newspaper" ✓

conjunction: "swat the fly with a newspaper and with a stick" ✓

It is adjunct.

(4) the arrangement of flowers [on the table]

One-replacement: "the one on the table" ✓

conjunction: "The arrangement of flower on the table and in the vase." ✓

(5) the [large] painting on the wall

One-replacement: "the large one on the wall" ✓

conjunction: "the large and great painting on the wall." ✓

It is adjunct

(6) Every door [on campus] has a broken handle.

Reordering: "Every door has a broken handle on campus"

conjunction: "Every door on campus and on 1st floor has a broken handle"

it is adjunct

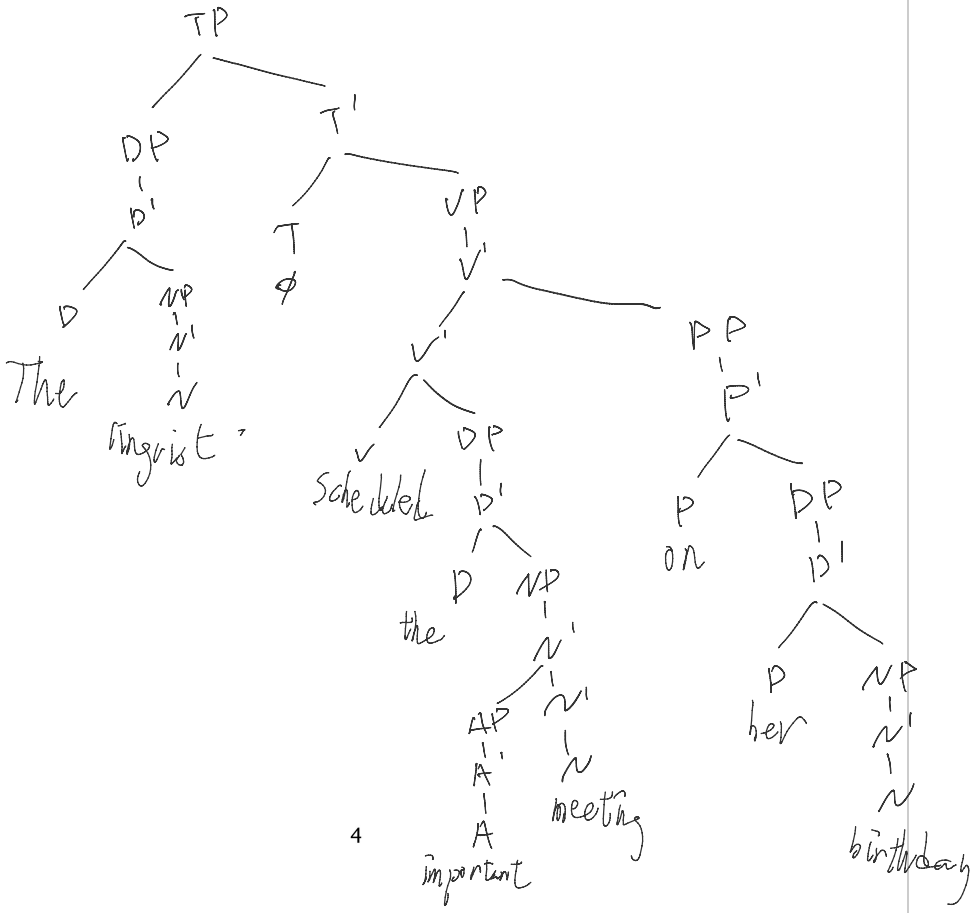
## 4 Ambiguous sentences (7 points)

The sentence in (7) is ambiguous. I've provided one of the meanings in Meaning 1. Write a paraphrase expressing the second meaning in Meaning 2, and then draw a tree (using X-bar notation) for (7) that reflects the meaning you have in Meaning 2.

(7) The linguist scheduled the important meeting on her birthday.

Meaning 1: It was the important meeting on her birthday that the linguist scheduled.

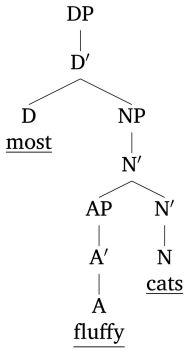
Meaning 2: The linguist has the important meeting that scheduled on her birthday.



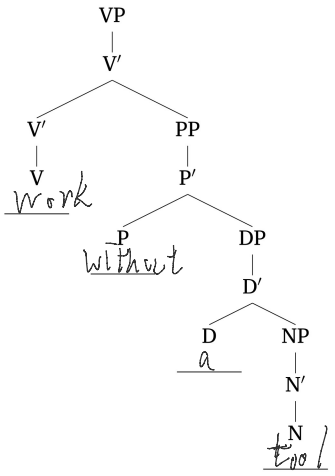
## 5 More tree structures (9 points)

For each tree, fill in the empty terminal nodes (where the _____ under some nodes is) with words that fit appropriately into the structure. Not all trees represent complete sentences.

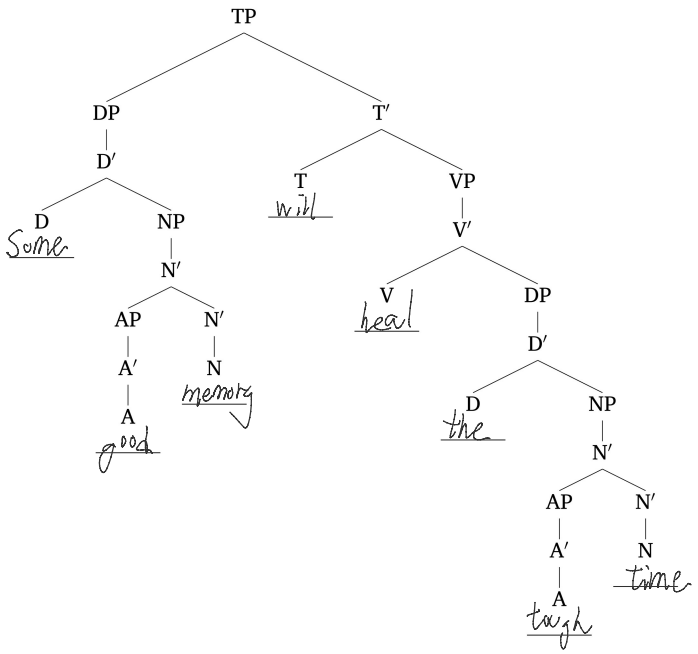
**Example:**



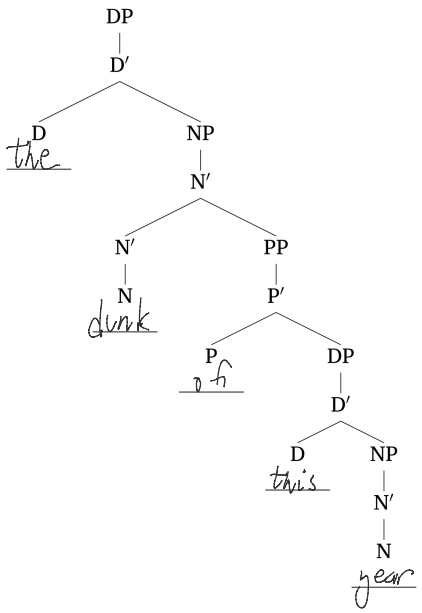

(8)



(9)

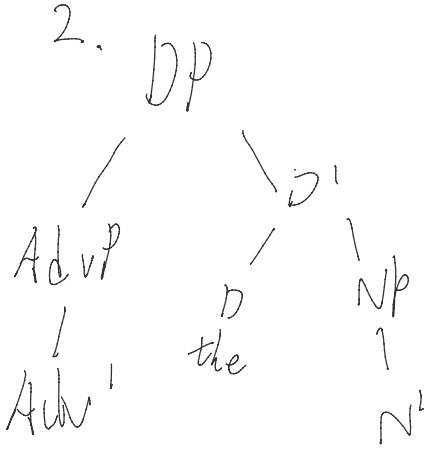

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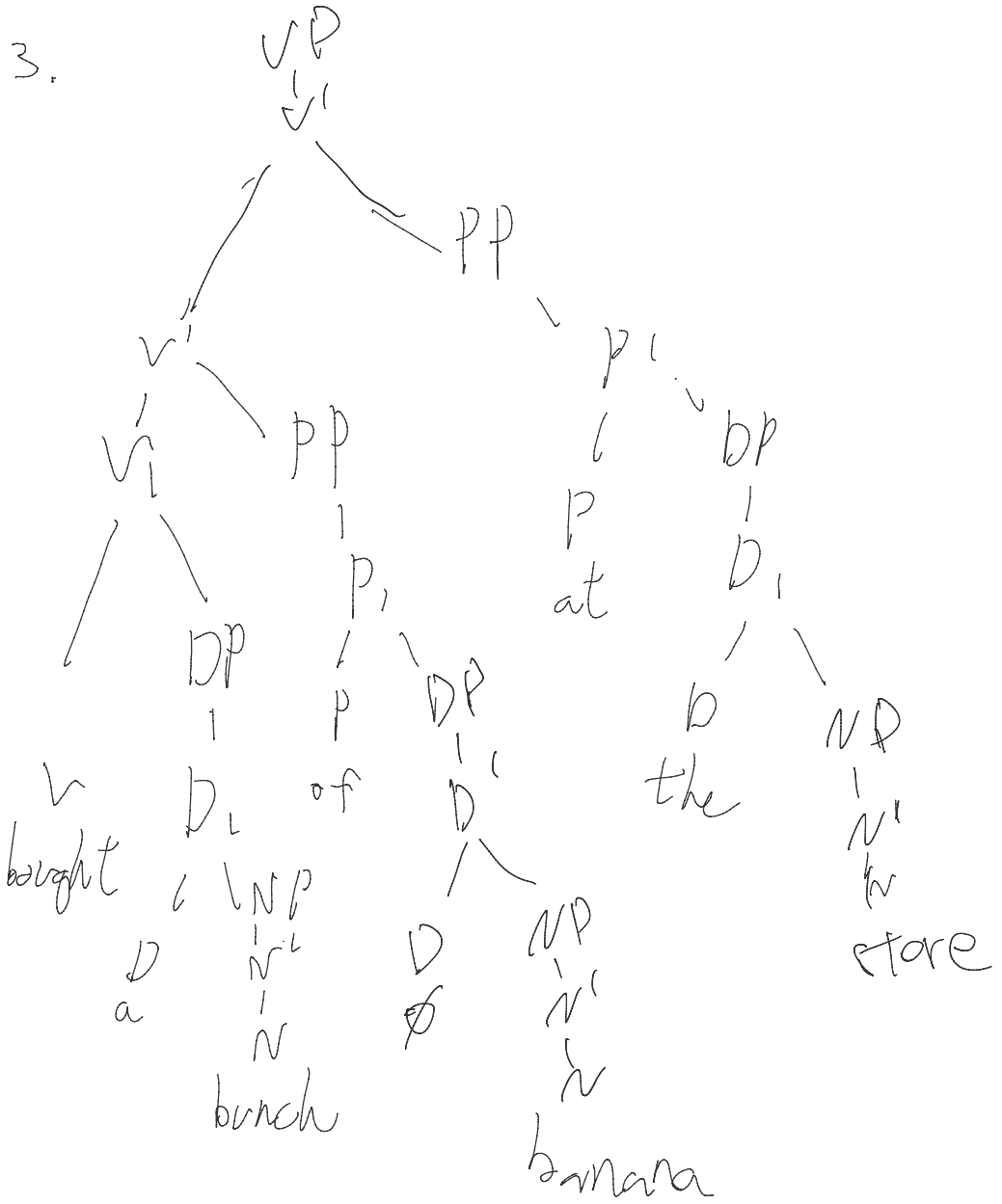
2.


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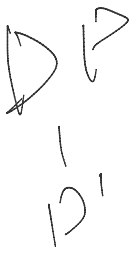
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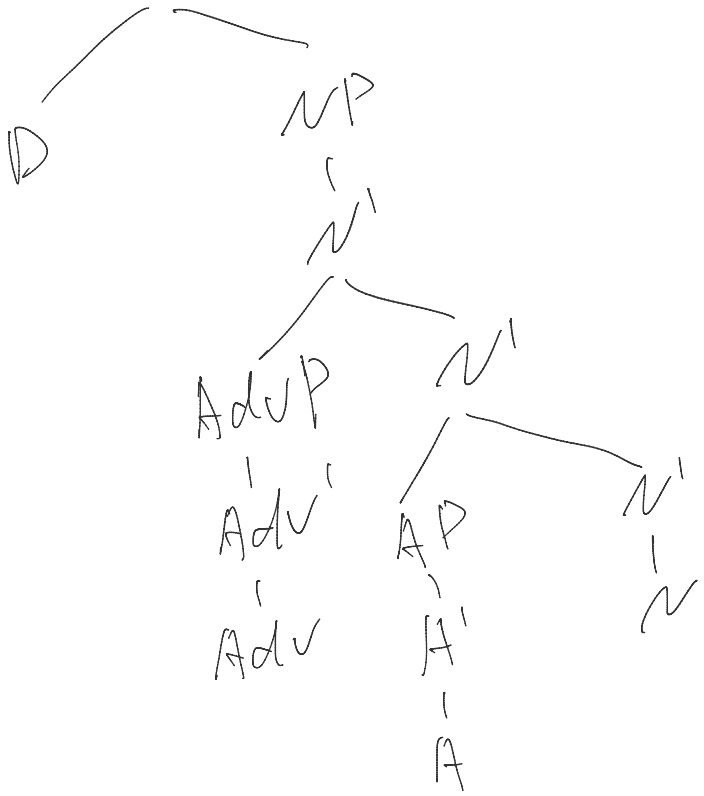
N
rack

3.

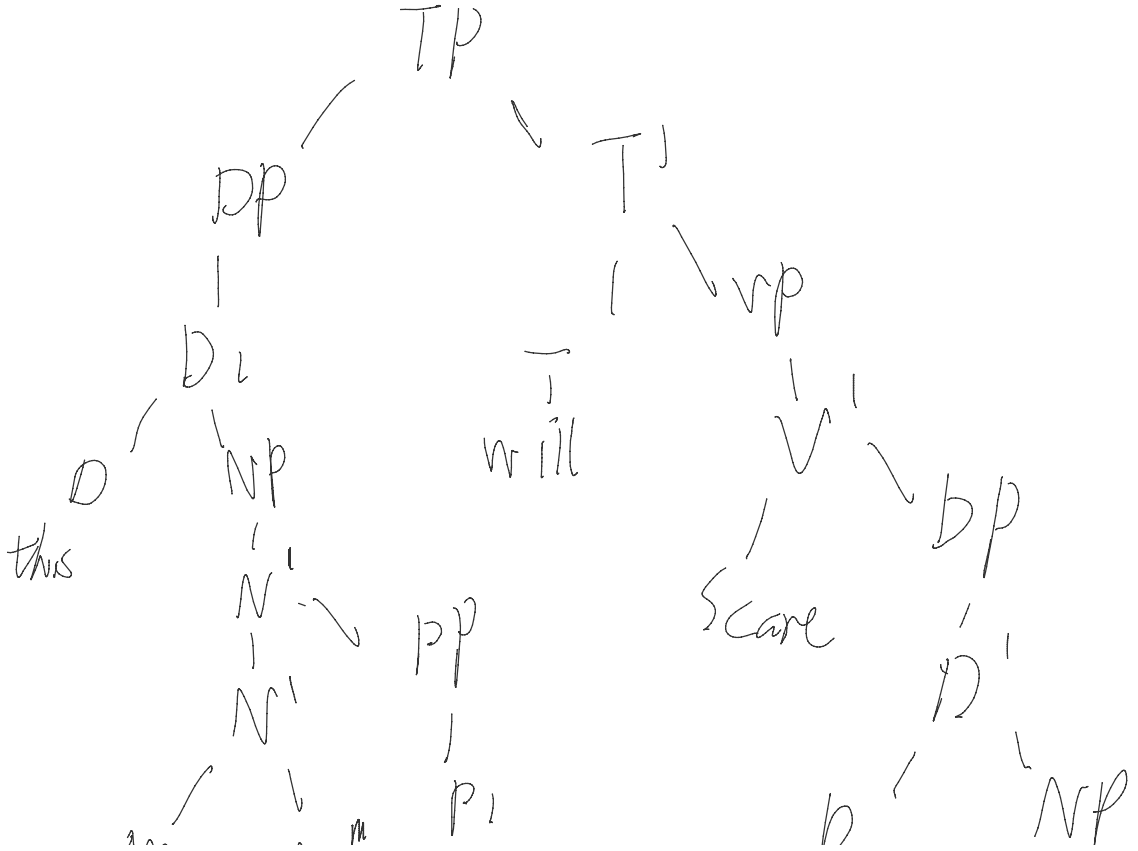


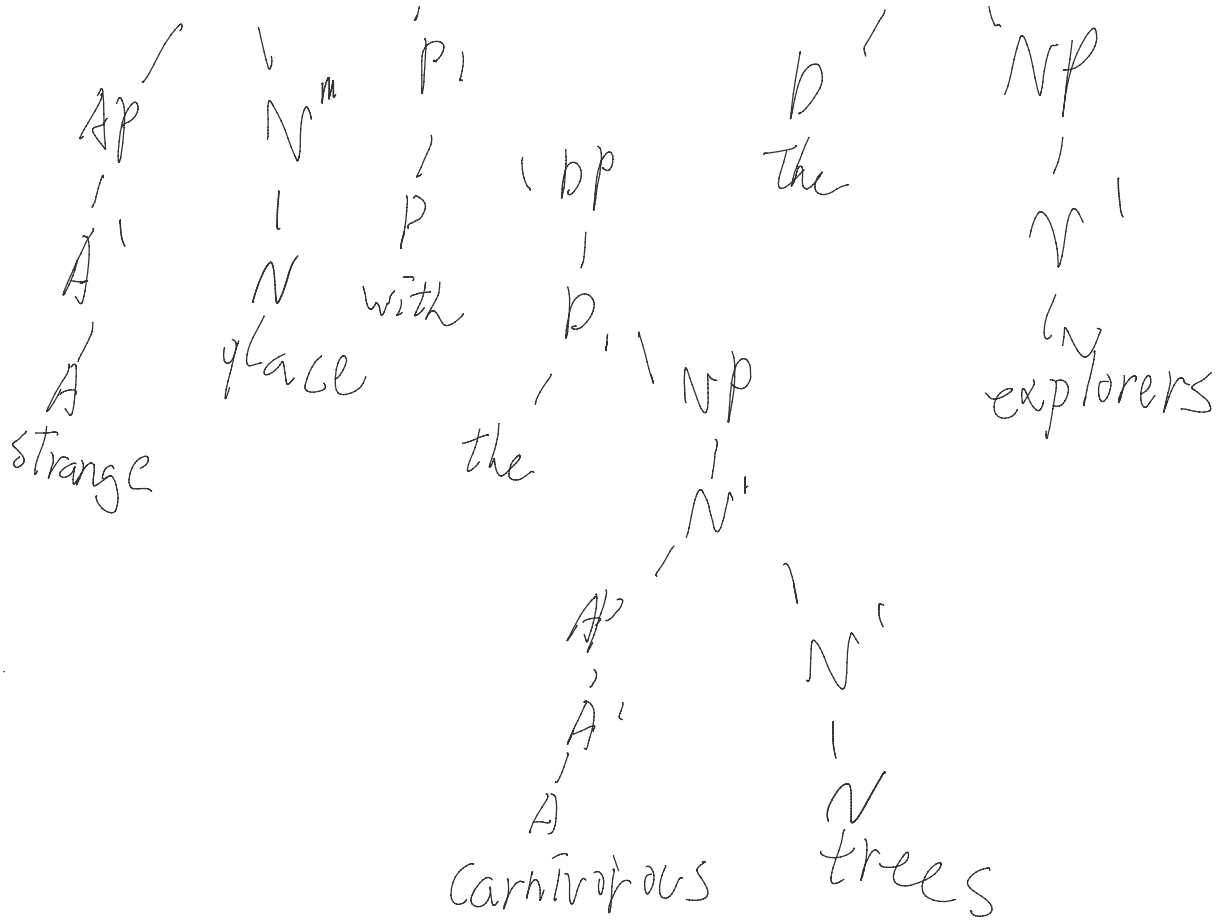

4.




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AdvP
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Adv'
AP
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5.


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