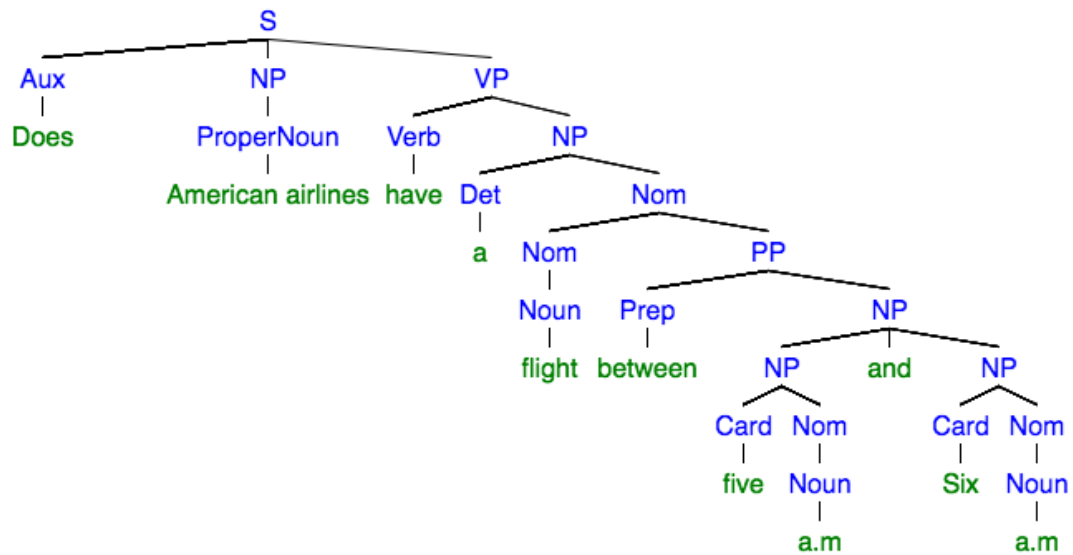
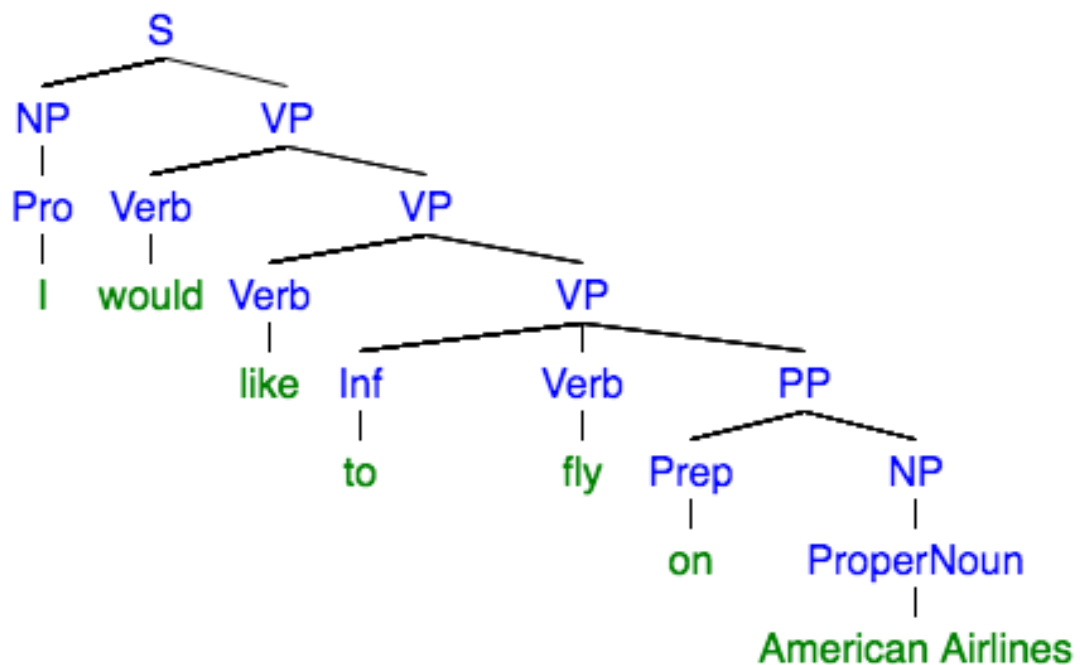


Question 1:

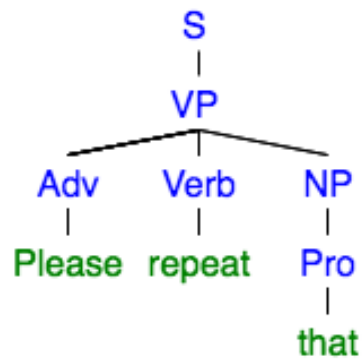
- Does American Airlines have a flight between five a.m. and six a.m.?



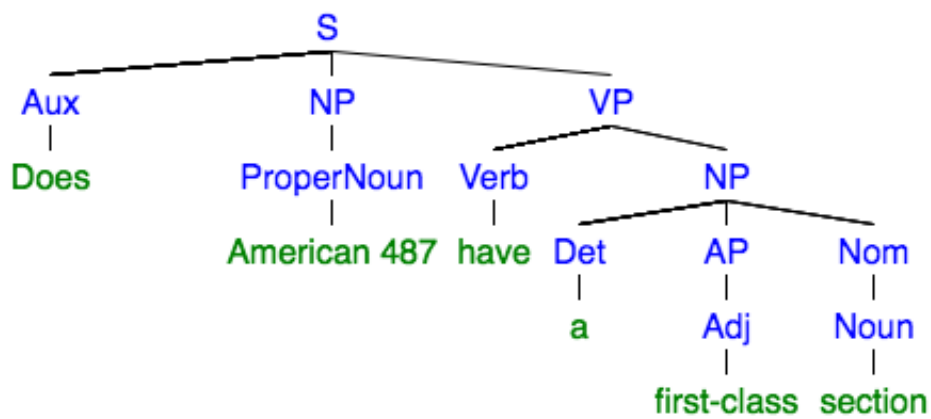
- I would like to fly on American airlines



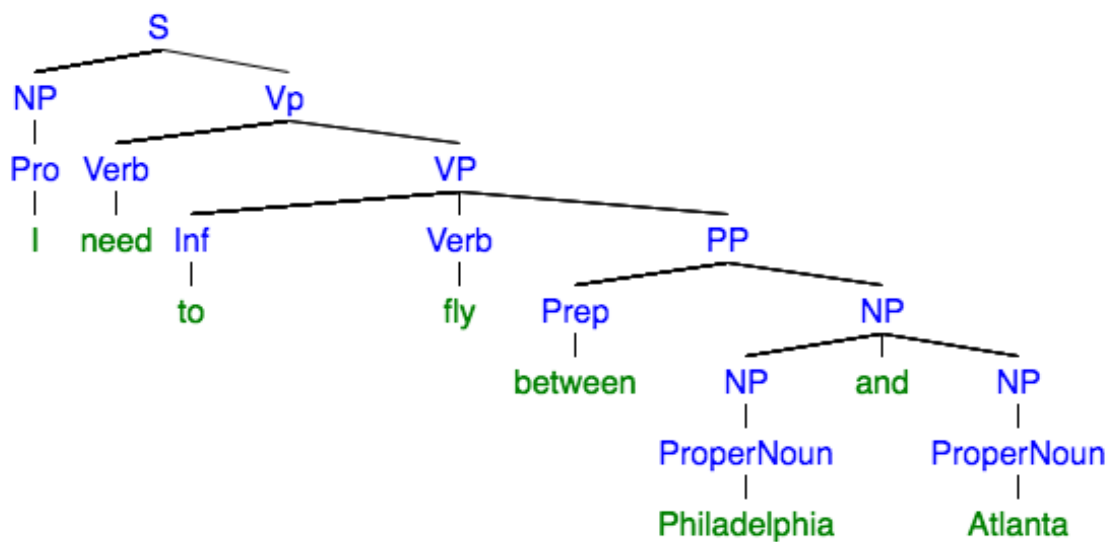
3. Please repeat that



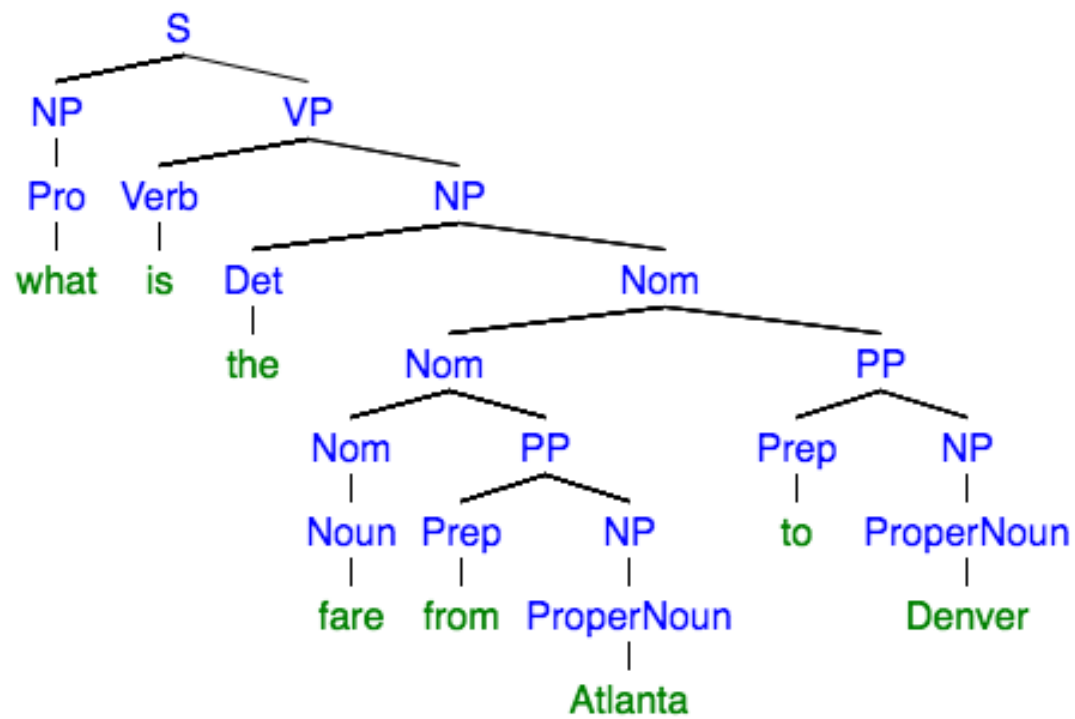
4. Does American 487 have a first-class section?



5. I need to fly between Philadelphia and Atlanta.



6. What is the fare from Atlanta to Denver?



Question 2:

axm163231

Question 2:

$$[0,2] \quad NP: 0.3 \times 0.4 \times 0.02 = 0.024$$

$[0,3]$ Comparing 02 and 23
01 and 13

No Pattern

$[0,4]$ Comparing 01 and 14
02 and 24
03 and 34

No Pattern.

$[1,3]$ Comparing 12 and 23
No pattern

$[1,4]$ Comparing 12 and 24
13 and 34

No Pattern

$[3,5]$ Comparing
NP:- $0.3 \times 0.4 \times 0.01 = 0.0012$

$[2,5]$ Comparing
23 and 35 = $0.05 \times 0.0012 \times 0.2 = 0.000012$ (4A)
24 and 45 = NA

$[1,5]$ 12 and 25
13 and 35
14 and 45 No Pattern

$$[0,5]: 0.0024 \times 0.8 \times 0.000012 = 2.304 \times 10^{-8}$$

Updated probabilistic chart:

Det: 0.7 [0.1]	NP: 0.0004 [0.2]	[0.3]	[0.4]	S: 2.34×10^{-8} [0.5]
	N: 0.002 [1.2]	[1.3]	[1.4]	[1.5]
		V: 0.05 [2.3]	[2.4]	VP: 1.2×10^{-5} [2.5]
			Det: 0.4 [3.4]	NP: 0.0002 [3.5]
				N: 0.01 [4.5]

Question 3:

1. The intense heat buckled the highway about three feet.

Ans: Force: The intense heat

Theme: the highway

Result: about three feet

FORCE [The intense heat] buckled THEME [the highway] RESULT [about three feet.]

2. He melted her reserve with a husky-voiced paeon to her eyes

Ans: AGENT: He

THEME: her reserve

INSTRUMENT: with a husky-voiced paeon to her eyes

AGENT [He] melted THEME [her reserve] INSTRUMENT [with a husky-voiced paeon to her eyes]

3. But Mingo, a major Union Pacific shipping center in the 1890s, has melted away to little more than the grain elevator now.

Ans: EXPERIENCER: Mingo, a major Union Pacific shipping center in the 1890s

RESULT to little more than the grain elevator

Axm163231

HW4

But EXPERIENCER [Mingo, a major Union Pacific shipping center in the 1890s], has melted away
RESULT[to little more than the grain elevator now.]