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CS 421 Homework #2-B

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**Exercise 1. LoPar Parser**

Output attached as a text file named LoPar-output.txt.

**Exercise 2. Stanford Parser**

(ROOT

(S

(NP (NNP Davis))

(VP (VBD won)

(NP (DT a) (JJ gold) (NN medal))

(PP (IN at)

(NP (DT the) (NNP Vancouver) (NNPS Olympics))))))

(ROOT

(SBARQ

(WHNP

(WHNP (WDT Which))

(NP (NNS races)))

(SQ (VBD did)

(NP (NNP Lindsey) (NNP Vonn))

(VP (VB win)))

(. ?)))

(ROOT

(S

(NP

(NP (DT The) (JJ Italian) (NN skater))

(SBAR

(WHNP (WP who))

(S

(VP (VBD won)

(NP (NN gold))

(PP (IN in)

(NP (NNP Torino)))))))

(VP (VBD lost)

(PP (IN in)

(NP (NNP Vancouver))))))

**Comment:**

The Stanford parser gives us only one parse tree while LoPar output all possible parse trees. There are a total of 41 parse tree for the 3 input sentences.