START OF QUIZ
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Question 1

Topic: Topic1
Source: Lecture 1

Define the LCS why is it important for calculating word similarity?

Question 2

Topic: Topic2
Source: Lecture 2

In class, I mentioned that we rarely do WSD explicitly, becuse we would need one model per word. In COLX 521, we saw that we could lemmatize words to reduce them to a common form. Why couldn't we do something similar (like reducing all synonyms to a common hypernym) for WSD?

Question 3

Topic: Topic4
Source: Lecture 4

How would you describe the following sentence in FOL (you don't need to write the FOL statement - just describe how it would be structured)? You have to dream before your dreams can come true.

Question 4

Topic: Topic3
Source: Lecture 3

Prove that A <-> B == A->B and B -> A

Question 5

Topic: Topic3
Source: Lecture 3

Is implication transitive? That is, if A -> B, and B -> C, does A -> C? Explain.

Question 6

Topic: Topic1
Source: Lecture 1

What is the relationship between a novel and a book?

Question 7

Topic: Topic2
Source: Lecture 2

What is the purpose of a dictionary gloss?

Question 8

Topic: Topic4
Source: Lecture 4

Some verbs in English can take either one or two objects (such as “see” - I see a bird vs. I see a bird with binoculars). Explain, in terms of lambda calculus, why we would need separate predicates for these different uses of “see”.

Question 9

Topic: Coding
Source: Lecture 4

Give an example of 3 OWL statements, other than we described in class. (ie, an example of an inverse relationship is ...; an example of a transitive relationship is ...)

END OF QUIZ