START OF QUIZ
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Question 1

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)? Before running, you must learn to walk.

Question 2

Topic: Topic2
Source: Lecture 2

Describe how a seed lexicon can be used to perform semi-supervised WSD.

Question 3

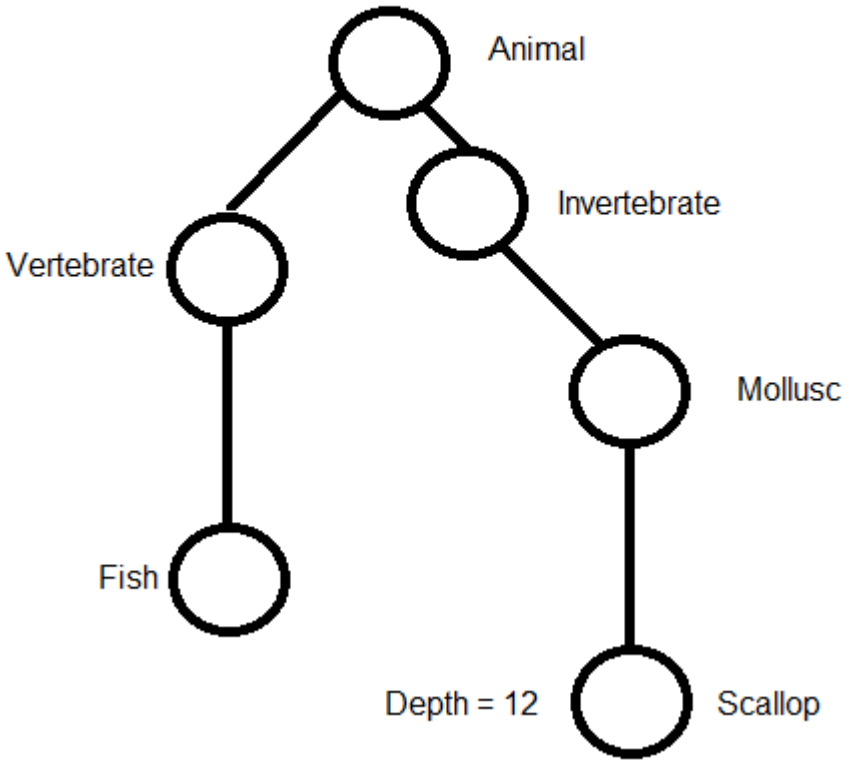
Topic: Topic3
Source: Lecture 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. All oranges are tasty. Oranges are fruit.

Question 4

Topic: Topic1
Source: Lecture 1

Calculate the Wu-Palmer similarity for the following nodes: Vertebrate and Mollusc.



Question 5

Topic: Topic3
Source: Lecture 3

Describe the effect that negation has on other logical operators - specifically, conjunction, disjunction, existence, and universality. You don't need to write this in FOL - a couple sentences are fine.

Question 6

Topic: Topic4
Source: Lecture 4

Make a brief argument about whether WordNet should be considered an ontology or a knowledge base.

Question 7

Topic: Topic1
Source: Lecture 1

What is the relationship between a tree and its roots?

Question 8

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 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