START OF QUIZ
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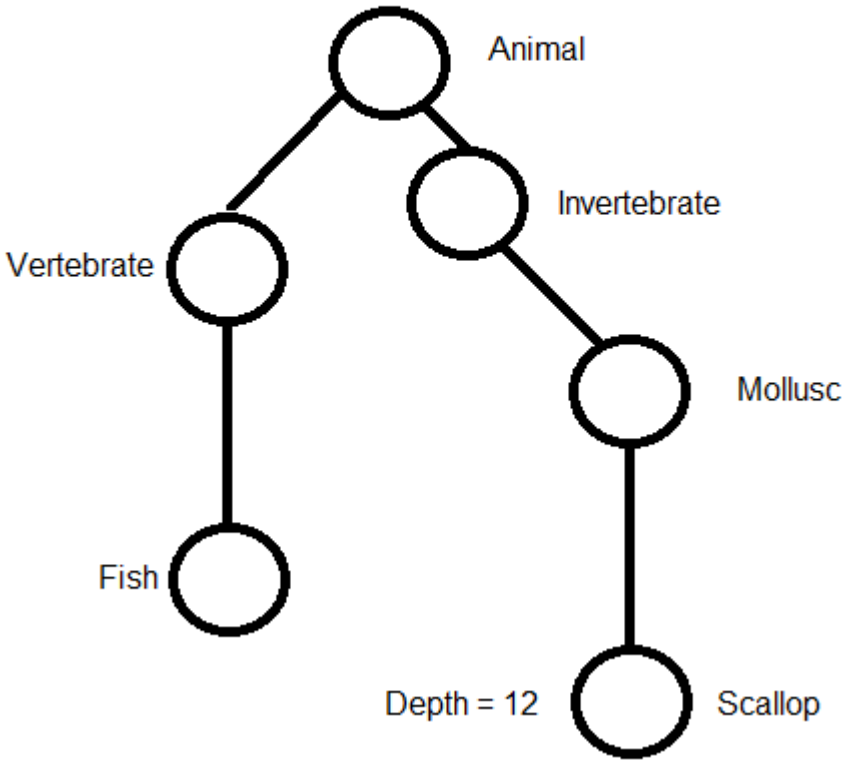
Question 1

Topic: Topic1
Source: Lecture 1

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



Question 2

Topic: Topic1
Source: Lecture 1

What is the relationship between sweet and sour?

Question 3

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 4

Topic: Topic3
Source: Lecture 3

Given that A is False, B is False, and C is False, list 3 complex statements that are true, and 2 that are false.

Question 5

Topic: Topic3
Source: Lecture 3

Do we need both & and ||, or could we use some other operations to represent all complex information with just one of them (either one)? Briefly explain.

Question 6

Topic: Topic4
Source: Lecture 4

In class, we've discussed links in an ontology as positive predicates. Do you think it is worthwhile to create negative predicates (ie, Hamlet is not alive), etc.? What might be some benefits and disadvantages of such an approach, and does one outweigh the other?

Question 7

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 8

Topic: Topic2
Source: Lecture 2

What is the meaning of “One document, one sense” as it applies to Word Sense Disambiguation?

Question 9

Topic: Coding
Source: Lecture 2

Write a function that transforms a sentence into a feature vector containing the following features: the first word before and after the word of interest that isn't a stopword, and any verbs in the sentence.

END OF QUIZ