# START OF QUIZ
## Student ID:
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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: Topic1
Source: Lecture 1

What is the relationship between a book and a novel?

# Question 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. Jim has hair. Bald men have no hair.

# Question 4

Topic: Topic2
Source: Lecture 2

What is the purpose of a dictionary gloss?

# Question 5

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 6

Topic: Topic2
Source: Lecture 2

What is the underlying assumption of the Lesk Algorithm?

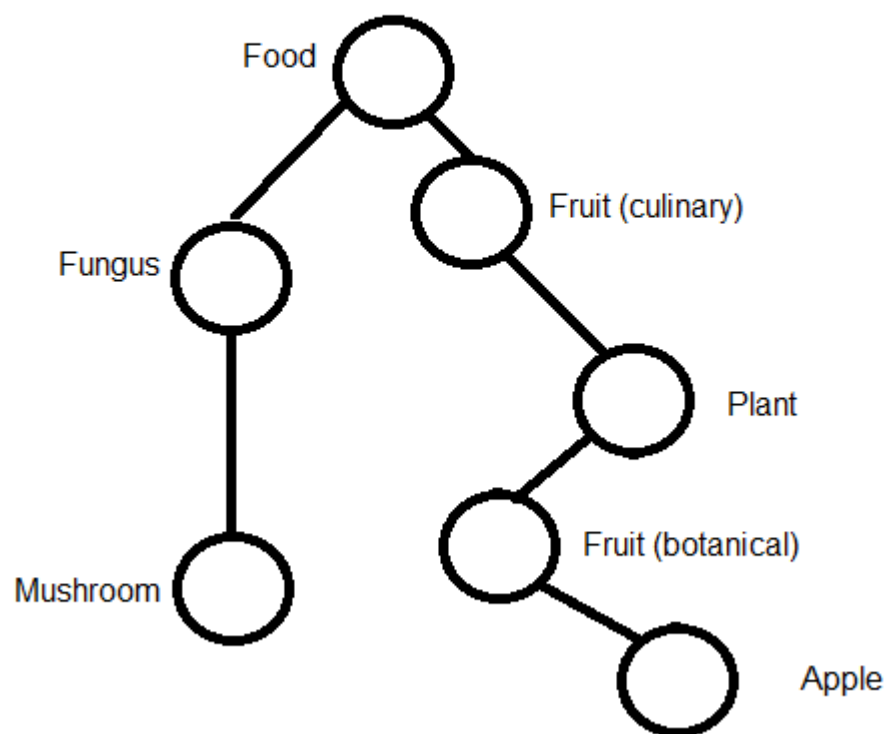# Question 7

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 8

Calculate the Wu-Palmer similarity for the following nodes. Mushroom and Fruit (botanical)

# Question 9

Topic: Coding
Source: Lecture 1

Write a function that sorts synonyms based on their Wu-Palmer similarity. ie, it takes a word as input, finds its synsets, and then sorts them by their WP similarity.

# END OF QUIZ