START OF QUIZ
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Question 1

Topic: Lecture 1
Source: Lecture 1

Explain one way that NER tagging is similar to POS tagging, and two ways it's different. (1)

Question 2

Topic: Lecture 2
Source: Lecture 2

Consider the following sentences: “James married Joyce in 2010. Their son Ulysses was born in 2013. In 2015, James and Joyce divorced.” Extract all of the RDF triples you can from the sequence. (2)

Question 3

Topic: Lecture 1
Source: Lecture 1

What lexical features might you use to identify the named entities in the following sentences? "Ronald Reagan? The actor? Then who's Vice-President, Jerry Lewis? I suppose Jane Wyman is the First Lady! And Jack Benny is Secretary of the Treasury!" (At least 2) (1)

Question 4

Topic: Lecture 4
Source: Lecture 4

If we were to attempt joint NER and SRL, how would we set up the model? Describe the input, the architecture, and the output. (2)

Question 5

Topic: Lecture 3
Source: Lecture 3

How can semantic roles be used to identify relations in relation extraction? How can they help us identify false positives from our system? (2)

Question 6

Topic: Lecture 4
Source: Lecture 4

Along with the features described in class for non-neural SRL, suggest 2 other features that we could use. (1)

Question 7

Topic: Lecture 2
Source: Lecture 2

If we're building a CRF for relation extraction, what other NLP tools might be useful for generating feature vectors? (At least 3) (1)

Question 8

Topic: Lecture 3
Source: Lecture 3

Give an example of a sentence where the subject is also the theme of the sentence (hint: it might have a special sentence structure). (1)

Question 9

Topic: Coding
Source: Lecture 2

Write code that uses a list of RDF triples to discover more through bootstrapping. (3)

END OF QUIZ