START OF QUIZ
Student ID: 89702757,MacFarlane,Jarrett

Question 1

Topic: Lecture 4
Source: Lecture 4

Why is FOL more expressive than ontologies (Description logics)? ie, what can FOL do that ontologies can't? (1)

Question 2

Topic: Lecture 1
Source: Lecture 1

What are the benefits of representing synonymy and hypernomy in a graph? Do you think there could be a better data structure or way of representing the information? Briefly explain. (2)

Question 3

Topic: Lecture 4
Source: Lecture 4

In class, we went over some common OWL and RDFS constraints that we can place on predicates, but we only ever attached one. Can you think of any instances of bivariate (ie, two parameter) predicates that could use multiple constraints? If so, briefly describe the predicate and its constraints, and if not, briefly describe why this is unnecessary. (2)