START OF QUIZ
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Question 1

Topic: Lecture 6
Source: Lecture 6

Explain the purpose of mean reciprocal rank, and how it works. (1)

Question 2

Topic: Lecture 8
Source: Lecture 8

We waited until the last week of classes to talk about policy-making systems (like the one in ChatGPT), but several other systems you've looked at over the program could be considered to have a policy algorithm in place. Briefly describe one, and how you view it as a decision policy. (2)

Question 3

Topic: Lecture 7
Source: Lecture 7

Describe at least one piece of grounding in real life (outside the examples given in class). (1)

Question 4

Topic: Lecture 5
Source: Lecture 5

ChatGPT differs significantly from even other neural Q/A systems. Provide at least 2 significant differences, and briefly describe them. (2)

Question 5

Topic: Lecture 8
Source: Lecture 8

When training BERT Dialogue systems, we often delexicalize the entries. Briefly explain the benefits this can provide to the model. (1)

Question 6

Topic: Lecture 5
Source: Lecture 5

Describe the two ways that we can construct Q/A databases, and how they differ. (2)

Question 7

Topic: Lecture 6
Source: Lecture 6

What is the focus of the following question: “Do you know when Jaws was released”? (1)

Question 8

Topic: Lecture 7
Source: Lecture 7

How might we make Eliza more robust (don't just say that you would have her use ChatGPT's API). (1)

Question 9

Topic: Long
Source: Lecture 8

As more data and computing power are becoming available, chatbots are becoming more generalists, able to answer questions in a large variety of topics. That said, specialized dialogue bots can often be very good at their jobs (such as Watson being much better at Jeopardy than ChatGPT). Can you think of a way that we might be able to leverage the strengths of each system to improve the other? Write out pseudocode for where you might inject dialogue bots into ChatGPT, and simultaneously use ChatGPT to improve the dialogue systems. This is a huge, theoretical problem, and I'm not looking for you to solve it - I'm just interested in your thought process about where the models might be able to build off each other. (3)

END OF QUIZ