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BSCS 3A
Artificial Intelligence
Pre Assessment

Part A:
1) Name one app that you think uses NLP
    a) Siri (Voice recognition for Apple)
2) When you say "Call Mama" to a phone assistant, what do you expect it to do?
    a) Based on my understanding, it should first understand the command, then try to match the noun "Mama" to a saved contact, then automatically dial and start the call.
3) When you type a message and your phone autocorrects or suggests words, what kind of language skill do you think is happening?
    a) Every time you type, the device uses LMs and even just algorithms to predict and correct your words. In the case of correction, the device will identify possible errors and use complex algorithms to suggest correct words close to the spelling. With text prediction, the device use a language model to predict the next word.

PART B:
Give 2 possible meanings for each sentence:
1) "The bank is closed":
    a) The bank is not open for business
    b) The doors of the bank is physically locked but might be open
2) "Please open the window"
    a) Physically open a window
    b) The room is getting too uncomfortable or awkward

PART C:
1) Circle words that are specific names
    a) President Marcos visited Legazpi City after the eruption of Mayon Volcano

PART D:

Scenario	Think: Which NLP ability is used?
1. Google automatically completes your sentence	A. Speech Understanding
2. Shopee filters reviews by "Positive" or "Negative"	B. Emotion/Sentiment Understanding
3. Waze listens when you say "Navigate to BUCS!"	C. Suggesting the next word
4. Gmail detects a date and suggests adding it to your calendar	D. Understanding meaning and intention

Answers:
- 1C
- 2B
- 3A
- 4D

PART E:
If you were to build a chatbot for BUCS students, what is one question it should understand and respond to?

Question: What are the tentative dates for the next semester break?
Expected Response: December 20 to January 7