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In [1]: import random

class LanguageLearningTool:
    def __init__(self, vocabulary, grammar_rules, pronunciation):
        self.vocabulary = vocabulary
        self.grammar_rules = grammar_rules
        self.pronunciation = pronunciation
        self.progress = {"vocabulary": 0, "grammar": 0, "pronunciation": 0}

    def practice_vocabulary(self):
        word, meaning = random.choice(list(self.vocabulary.items()))
        print(f"What does '{word}' mean?")
        user_input = input("Enter the meaning: ")
        if user_input.lower() == meaning.lower():
            print("Correct!")
            self.progress["vocabulary"] += 1
        else:
            print(f"Wrong! The correct meaning is '{meaning}'.")

    def practice_grammar(self):
        rule, example = random.choice(list(self.grammar_rules.items()))
        print(f"What's an example sentence for '{rule}'?")
        print(f"Example: {example}")
        input("Press enter to continue...")
        self.progress["grammar"] += 1

    def practice_pronunciation(self):
        word = random.choice(list(self.pronunciation.keys()))
        print(f"How do you pronounce '{word}'?")
        input("Press enter to reveal the pronunciation...")
        print(f"Pronunciation: {self.pronunciation[word]}")
        self.progress["pronunciation"] += 1

    def track_progress(self):
        print("Your progress:")
        for category, value in self.progress.items():
            print(f"{category.capitalize()}: {value} exercises completed.")

# Example usage:
vocabulary = {"apple": "a fruit", "house": "a place to live", "book": "a wr
grammar_rules = {"present tense": "I eat pizza every Friday."}
pronunciation = {"hello": "hə'loʊ", "world": "wɜːrld"}

tool = LanguageLearningTool(vocabulary, grammar_rules, pronunciation)
tool.practice_vocabulary()
tool.practice_grammar()
tool.practice_pronunciation()
tool.track_progress()

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What does 'book' mean?
Enter the meaning: a written or printed work
Correct!
What's an example sentence for 'present tense'?
Example: I eat pizza every Friday.
Press enter to continue...
How do you pronounce 'hello'?
Press enter to reveal the pronunciation...
Pronunciation: hə'loʊ
Your progress:
Vocabulary: 1 exercises completed.
Grammar: 1 exercises completed.
Pronunciation: 1 exercises completed.

In []: