PYTHON SOLUTION TO ADVANCED QUIZ APP

quiz2.py

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'''
This is the "ADVANCED" version of the quizz app. This version has all of the functionalities of the previous two versions, with the only difference being that a new variable "n" is created to keep track of the user's attempts at answering the current question - the user gets 2 tries to answer the question before getting it wrong and the program moving to the next question. I'm thinking of adding the last bit of functionality from the quiz app in Snap by making a list of "acceptable_responses" that will trigger a correct response.
'''
sports_quiz = [["What is Mickey Mantle's number?","7"],["How many home runs did Aaron Judge hit this year?","62"], ["What is Tom Brady's jersey number?", "12"], ["How many NFL games does each team play in the regular season?", "17"], ["What is Lebron James's jersey number?", "6"], ["How many NBA games does each team play in a season?", "82"], ["What number does Cristiano Ronaldo currently wear?", "7"], ["How many goals has Lionel Messi scored in his career", "785"], ["In football, how many points for a touchdown?", "6"], ["In basketball, how many points for a free throw?", "1"]]

def quizzer(quiz):
  question_num = 1
  score = 0
  question =0
  answer = 1
  n = 0

  for quiz_item in quiz:
      print("Question " + str(question_num) +": " + quiz_item[question])

      user_response = input("Answer: ")

      while n < 1:
          n = n + 1
          if user_response != quiz_item[answer]:
           print("Incorrect, try again...")
           print(" ")
           print("Question " + str(question_num) +": " + quiz_item[question])
           user_response = input("Answer: ")

      if user_response == quiz_item[answer]:
        print("Correct!")
        print(" ")
        score = score + 100/len(quiz)
        n = 0
      else:
        print("Incorrect. The correct answer is: " + quiz_item[answer])
        print(" ")
        n = 0

      question_num = question_num + 1

  print("Your score is: " + str(int(score)))


quizzer(sports_quiz)

```

PYTHON SOLUTION TO QUIZ APP CHALLENGE

quiz4.py

```
sports_quiz = [["What is Mickey Mantle's number?","7",["seven", "Seven"]],["How many home runs did Aaron Judge hit this year?","62",["sixty two", "sixty-two", "Sixty two", "Sixty Two"]], ["What is Tom Brady's jersey number?", "12", ["Twelve", "twelve"]], ["How many NFL games does each team play in the regular season?", "17",["seventeen", "Seventeen"]], ["What is Lebron James's jersey number?", "6", ["six", "Six"]]]


def quizzer(quiz):
  acceptable_responses = 2
  question_num = 1
  score = 0
  question =0
  answer = 1
  n = 0
  j = True

  for quiz_item in quiz:
      print("Question " + str(question_num) +": " + quiz_item[question])

      user_response = input("Answer: ")

      for items in quiz_item[acceptable_responses]:
         if user_response == quiz_item[answer] or user_response == items:
            print("Correct!")
            print(" ")
            score = score + 100/len(quiz)
            n = 0
            j = True
            break
         else:
            j = False

         while j == False and n < 1:
           n += 1
           print("Incorrect, try again...")
           print(" ")
           print("Question " + str(question_num) +": " + quiz_item[question])
           user_response = input("Answer: ")

      question_num += 1

      if n == 1:
        print("Incorrect. The correct answer is: " + quiz_item[answer])
        print(" ")
        n = 0

  print("Your score is: " + str(int(score)))


quizzer(sports_quiz)
```