

END OF UNIT ASSESSMENT:

TIME TO PUT YOUR NEW SKILLS TO THE TEST!

OVER THE NEXT 3 CLASSES YOU WILL DEMONSTRATE YOUR MASTERY OF THE SKILLS PRESENTED IN THE PREVIOUS 6 LESSONS.

FOR THIS ASSESSMENT, YOU WILL CREATE 1-3 QUIZ APPS OF INCREASING DIFFICULTY. THERE WILL BE A BASIC, INTERMEDIATE AND ADVANCED QUIZ APP AS WELL AS CHALLENGES.

ONCE YOU'VE COMPLETED THE CURRENT VERSION OF THE QUIZ APP, SUBMIT IT TO THE TEACHER FOR GRADING. ONCE YOU RECEIVE PASSING MARKS FOR THE 9 RUBRIC CHECKS, YOU WILL RECEIVE AN EXIT TICKET TO COMPLETE THE NEXT VERSION OF THE QUIZ APP.

THE GOAL IS FOR YOU TO COMPLETE ALL QUIZ APPS AND CHALLENGES. FOLLOW THE INSTRUCTIONS BELOW AND GOOD LUCK!

- In Replit, create a new file called `quiz_app_advanced.py`
- You may copy and paste the previous quiz app into this version
- Create a variable to keep track of the user's attempts
- Give the user 2-3 attempts at answering the question
- After the second or third attempt, inform the user of the correct answer
- The program should report the score after all the questions have been answered

**Challenge 1:** If students have successfully completed all three versions of the quiz app, students will complete the following challenges by adding functionality to their program with the following guidelines:

- Use the advanced quiz app to add functionality, no need for a new file
- Amend your question and answer data structure by either adding a list as a third element to each sublist or amend the second item of each sublist by inserting a list of "acceptable responses"
- If the user responds to the current question with any of the items in the answer list, the program should recognize it as a correct response
- Maintain the functionality of the intermediate and advance quiz apps by reporting the correct answer if the user gets it wrong after 2-3 attempts

**Challenge 2:** If students have successfully completed all three versions of the quiz app and the 1st challenge, students will be directed to complete the 2nd challenge with the following guidelines:

- Continue to use the advanced quiz app to add functionality, no need for a new file
- Develop your own functionality to the quiz, no guidelines for what you may do. This challenge is so that you can be creative and decide what you would like to add. For example, you could develop code that gave the user a hint after an incorrect response.