Chapter 9 Language Quiz

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Instructions:

Create a dictionary based on the language of your choice with the numbers from 1-10 paired with the numbers from 1-10 in English. Create a quiz based on this dictionary. Display the number in a foreign language and ask for the number in English. Score the test and give the user a letter grade.

Data:

Variables:

* Language\_translations: Dictionary with the form “German”: “English”
* Grades: Dictionary for letter grades with the form “score”: “letter grade”
* Score: Int, keeps track of how many the user gets right

User input:

* Answer: user’s answer for the English translation

Processing:

1. Initialize translation dictionary, score, and grades dictionary
2. Loop through the translation dictionary, asking the user what is the English translation?
   1. If correct, tell the user and increment the score by 1
   2. If incorrect, tell the user the correct answer
3. Display the score and letter grade

Output:

1. Answer the user for the English translation: “What is the equivalent of …”
2. Print correct or incorrect based on each answer
3. Display the final score and letter grade.

Example output:

What is the equivalent of eins: two

Incorrect. The correct answer is one

What is the equivalent of zwei: two

Correct

What is the equivalent of drei: three

Correct

Enter the number in English that corresponds to the number in German.

What is the equivalent of vier: four

Correct

What is the equivalent of funf: four

Incorrect. The correct answer is five

What is the equivalent of sechs: five

Incorrect. The correct answer is six

What is the equivalent of sieben: six

Incorrect. The correct answer is seven

What is the equivalent of acht: six

Incorrect. The correct answer is eight

What is the equivalent of neun: seven

Incorrect. The correct answer is nine

What is the equivalent of zehn: eight

Incorrect. The correct answer is ten

Your final score is 3/10

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