Programming Exercise 8.5

Three-Question Quiz, v.2.0

Purpose. Learn how to use function for code reuse, by modifying an existing program that repeats the same code 3 times.

Requirements. Rewrite Exercise 6.1's `threeQuestions1.py` program, naming the new program **threeQuestions2.py**. Design one *generic* function to ask a question, collect an answer from the user via console input, and output whether the answer is correct or not. Modify your program to use the function, so that the details of prompting the user and testing the answers is in the function and not in main.

You decide whether to use a void- or value-returning function. Use at least one parameter for the question and at least one for the correct answer. In case of multiple correct answers, use multiple parameters and or-logic. For example, "who founded Microsoft", accept "Bill Gates" or "Gates".

DOs and DON'Ts: Do *not* write just one function that contains all three questions. Do *not* write three separate functions, one for each question. Do write one generic function that can be used to ask *any* question and check its answer. Do call that one function three times in main.

Program I/O. *This should work exactly like v.1.0 from Exercise 6.1*.

Examples. Here's what the output should look like, with user input in blue:

```
1. Who invented computers? Bill Gates
Incorrect!

2. When were computers invented: 1999
Incorrect!

3. How many computer languages are there? Lots
Correct!
```